

EPA Region 5 Records Ctr.



311138

Pre CERCLA Background.

Should be kept with
site file

RECEIVED

NOV 10 1987

Appendix C
Background Information
Bibliography

U.S. EPA REGION 4
WASTE MANAGEMENT DIVISION
HAZARDOUS WASTE ENVIRONMENTAL GROUP

Document Numbers	Source	Document Description
00027 - 00057	MSD	Notices of Violation, Conciliation Agreements, memos and letters relating to violations of Sewage and Waste Control Ordinance
00057 - 00098	MSD	Notices of Violation, memos and letters relating to spills and dumping at Hannah Marine site
00099 - 00106	U.S. EPA	Preliminary Assessment - Site Information
00107 - 00108	U.S. EPA	Portions of Hannah's Notification of Hazardous Waste Activity
00109 - 00111	U.S. EPA	FIT Memo to File
00112	Jacobs Engineering	Interview Summaries
00113 - 00114	MSD	Drawings of Hannah site and operations
00115 - 00117	MSD	Preliminary information regarding reported leaching of waste into waterway (10/27-29/79)
00118 - 00123	MSD	Summary of follow-up field investigation (11/2, 11/5-9/79)
00124	MSD	Memo regarding Hannah waste disposal practices (11/8/79)
00125 - 00132	MSD	Leachate sampling data (11/14/79)

00133	MSD	Interoffice memo recommending eviction notice to Hannah for lease violations (11/13/79)
00134	MSD	Notice of Violation (NOV) for failure to report disposition of industrial waste sludges (11/19/79)
00135 - 00136	MSD	90-Day Notice of Termination of Lease (11/26/79)
00137 - 00138	MSD	Sampling Data (11/27/79)
00139	MSD	Internal MSD memo regarding pond clean-up at Hannah (12/5/79)
00140 - 00142	MSD	Sampling Data (12/18/79)
00143 - 00144	MSD	Conciliation Agreement and core sampling locations (1/28/80)
00145 - 00146	MSD	Core sampling results (2/18/80)
00147	MSD	Conciliation Agreement (5/21/80)
00148 - 00149	MSD	Field investigation notes on compliance inspection of pond area (6/25/80)
00150	MSD	Drawing of Hannah site locating ponds (7/1/80)
00151	MSD	Letter to MSD updating status of sludge removal (7/31/80)
00152	MSD	Notes on field investigation regarding progress of clean-up (8/5/80)

00153 - 00154	MSD	Notes on inspection of clean-up progress (8/26/80)
00155 - 00157	MSD	Progress meeting notes (10/1/80, 10/16/80)
00158	MSD	Cleanup progress inspection notes (3/13/81)
00159 - 00206	U.S. EPA	Portions of response from Hannah Marine to EPA request for information (4/3/87)
00207 - 00223	U.S. EPA	Generator Annual Hazardous Waste Reports (1982-86)

NICHOLAS J. MELAS
PRESIDENT

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RECEIPT FOR CERTIFIED MAIL—30¢ (plus postage)

SENT TO	HANNAH INLAND WATERWAYS	POSTMARK OR DATE
STREET AND NO.	New Avenue/Lemont, Ill.	
P.O., STATE AND ZIP CODE		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered	15¢
	With delivery to addressee only	65¢
	2. Shows to whom, date and where delivered ..	35¢
	With delivery to addressee only	85¢
DELIVER TO ADDRESSEE ONLY		50¢
SPECIAL DELIVERY (extra fee required)		

PS Form 3800
Apr. 1971

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See other side)
GPO : 1972 O - 480-743

RY DISTRICT

AGO

60611

751-5600

OF
OF GREATER CHICAGO
ILINOIS

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)
VS.)
HANNAH INLAND WATERWAYS)
)
)

Complaint No. 75-65
WATERWAY

NOTICE OF VIOLATION

TO: Mr. Donald C. Hannah, Pres.
New Avenue (P.O. Box 189)
Lemont, Ill.

Location:
C.S.S.C. at Allied Oil Dock
3301 California
Chicago, Ill.

Investigation has revealed that you are in violation of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable State Statutes pertaining to pollution. Your violation consists of discharging an effluent with excessive concentrations of hexane soluble material (500,000 mg/l)-grab-1/8/75, from Barge #2001 to the Chicago Sanitary and Ship Canal.

You or your authorized representative, are requested to appear at 100 East Erie Street, Room 312, Chicago, Illinois on March 31, 1975 at 2 p.m., to conciliate on the subject matter, and for you to submit at that time, a plan for abatement of such pollution and an outline of the schedule for the installation of permanent facilities.

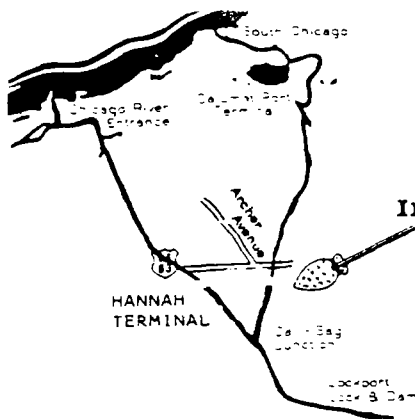
YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH PENALTY AND LEGAL ACTION AS PROVIDED BY LAW.

Witness March 14, 1975
THE METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGO

Bart T. Lynam, General Superintendent

By Cecil Lue-Hing
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

Jerome Tobias
Chief Enforcement Officer



HANNAH

INLAND WATERWAYS CORPORATION

*Great Lakes Barge Transportation. Chemical & Petroleum Bulk Storage
and Barge Cleaning*

P. O. BOX 189 • LEMONT, ILLINOIS 60439 • (312) 242-3210

September 22, 1978.

Mr. Cecil Lue-Hing
Director of Research & Development
Metropolitan Sanitary District of
Greater Chicago
Industrial Waste Division
100 East Erie Street
Chicago, IL 60611

Dear Mr. Lue-Hing:

The Metropolitan Sanitary District has approved the construction of a new locker-washroom for our shipyard personnel. We are ready to construct said building and are in the process of securing a building permit from DuPage County.

During preliminary meetings with DuPage, they requested a number of documents, one of which is a letter from your office stating that we are in compliance with the water quality standards set by your office. We are scheduled to appear Wednesday in DuPage County to secure the permit. I would appreciate if you would prepare a statement of compliance. Since we are under time constraints we will be most happy to pick up your letter on Tuesday, if this is convenient.

Please advise.

Very truly yours,

HANNAH INLAND WATERWAYS CORPORATION

A handwritten signature in cursive script, reading 'David E. Updegraff'.

David E. Updegraff
Manager of Resource Planning
Phone: (312) 242-3210, Ext. 206

DEU/nr

00028

NICHOLAS J. MELAS

PRESIDENT



Cecil Lue-Hing

DIRECTOR
RESEARCH & DEVELOPMENT



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RICHARD J. TROY

September 26, 1978

Mr. David E. Updegraff
Manager of Resource Planning
Hannah Inland Waterways Corporation
P.O. Box 189
Lemont, Illinois 60439

Dear Mr. Updegraff:

In reply to your letter of September 22, 1978 requesting a letter from the Industrial Waste Division of the Metropolitan Sanitary District of Greater Chicago concerning the current status of the private sewage treatment plant at your Lemont facility, please be advised that analyses of samples of its effluent discharge collected on July 17, 1978 and August 28, 1978 revealed no violations of the Sewage and Waste Control Ordinance, and it is presently in compliance with District regulations.

Very truly yours,

A handwritten signature in cursive script, appearing to read "C. Lue-Hing".

Cecil Lue-Hing, D. Sc., P. E.
Director
Research and Development

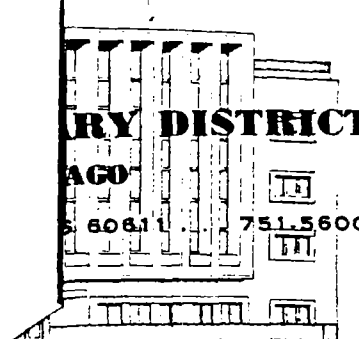
CLH:SWW:dc

00029

No. 111340

RECEIPT FOR CERTIFIED
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO HANNAH MARINE COI		STREET AND NO P.O. Box 189		P.O. STATE AND ZIP CODE Lemont, IL 60439		POSTAGE \$	
CERTIFIED FEE		SPECIAL DELIVERY		RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED	
OPTIONAL SERVICES		RETURN RECEIPT SERVICE		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		TOTAL POSTAGE AND FEES \$	
CONSULT POSTMASTER FOR FEES		POSTMARK OR DATE		1800, Apr. 1976			



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RICHARD J. TROY

IN THE NAME OF
THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
COOK COUNTY, ILLINOIS

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)
Vs.)
HANNAH MARINE CORP.)
)
)

COMPLAINT NO. 79-779

WATERWAY

NOTICE OF VIOLATION

TO: Mr. Dave Updegraf
Vice President Ops.
P.O. Box 189
Lemont, Illinois 60439

FACILITY
Chicago Sanitary and Ship Canal
at Cal-Sag Junction

Investigation has revealed that you are in violation of Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable State Statutes pertaining to pollution. Your violation consists of: discharging an effluent with excessive concentrations of fats, oils or greases (753 mg/l) which was also visible, suspended solids (290 mg/l) and ammonia as N (18.9 mg/l) all in a grab sample at 11:15 AM on 11/2/79, into the Illinois and Michigan Canal.

You or your authorized representative, are requested to appear at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on January 19, 1980 at 11:00 AM to conciliate on the subject matter, and to submit, at that time, a plan and schedule for abatement of such pollution. Direct phone inquiries should be made to Jerome Tobias at 751-5697.

YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH PENALTY AND LEGAL ACTION AS PROVIDED BY LAW.

Jerome Tobias
Chief Enforcement Officer

TC/jcb

Witness December 21, 1979
The Metropolitan Sanitary District
of Greater Chicago
Hugh H. McMillan, General Superintendent
By C. Lue-Hing
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00030

1980 FEB 19 PM 1:46

~~MET. SAM. DIST~~
~~RESEARCH SAMPLE~~

[illegible]

Approved: Mervyn S. Rader 2-14-80
Supervising date

00031



JOANNE H. ALTER
 THOMAS S. FULLER
 WILLIAM A. JASKULA
 NELLIE L. JONES
 JAMES C. KIRIE
 CHESTER P. MAJEWSKI
 NICHOLAS J. MELAS
 RICHARD J. TROY
 LOUIS S. VIVERITO

IN THE NAME OF
 THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
 COOK COUNTY, ILLINOIS

THE METROPOLITAN SANITARY)
 DISTRICT OF GREATER CHICAGO)
 Vs.)

COMPLAINT NO. 81-227

HANNAH INLAND WATERWAYS CORP)
 (FID 999 99 1304 00))

WATERWAY

NOTICE OF VIOLATION

FACILITY:

TO: Mr. David E. Updegraff, Mgr.
 Resource Planning
 PO Box 189
 Lemont, Il 60439

Rt 83 and Archer Ave
 Lemont, Il

Investigation has revealed that you are in violation of Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable State Statutes pertaining to pollution. Your violation consists of: discharging an effluent with excessive concentrations of total suspended solids (154 mg/l-grab 10:15 AM on 1/14/81), free ammonia, as nitrogen (350 mg/l - grab 10:00 AM on 4/1/81) and with high fecal coliform numbers (5000 per 100 ml - grab 10:00 AM on 4/1/81) into the Chicago Sanitary and Ship Canal.

You or your authorized representative, are requested to appear at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on May 15, 1981 at 11 AM to conciliate on the subject matter, and to submit, at that time, a plan and schedule for abatement of such pollution. Direct phone inquiries should be made to Jerome Tobias at 751-5697.

YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH PENALTY AND LEGAL ACTION AS PROVIDED BY LAW.

Witness April 23, 1981

The Metropolitan Sanitary District
 of Greater Chicago

Hugh H. McMillan, General Superintendent

Jerome Tobias
 Jerome Tobias
 Chief Enforcement Officer

By *C. Lue-Hing*
 Cecil Lue-Hing, D.Sc., P.E.
 Director
 Research and Development

EF/rs

00032

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation, organized and existing under and by virtue of the laws of the State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	81-227
NOTICE#	1
HEARING	1
DATE	5/15/81

FID #999 99 1304 00

HANNAH INLAND WATERWAYS CORP., RT. 83 & Archer Ave., Lemont, IL

hereinafter called the "COMPANY":

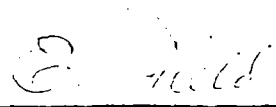
MSD Treatment Plant _____ MSD Waterway Shicago San. & Ship Canal
Alleged Violations Total suspended solids, NH3, fecal coliform

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Company purchased a new chlorinator pump approximately 90 days ago and after installation found that it had a weak spring causing siphoning and dilution of the hypochloride (See letter of Company to Jerome Tobias dated 5/14/81).

Company has ordered spring and states they will be compliance by June 5, 1981.

COMPLIANCE DATE: June 5, 1981



Hearing Officer (s)

E. Field



Company Representative (s)

Carl F. Lambert, Mgr. of Safety & Comp.

00033

HANNAH MARINE

CORPORATION

June 3, 1981

*Denial 6/5/81
in information only.
No response date for
6/5/81.
E.F.*

Metropolitan Sanitary District
Industrial Waste Division
100 E. Erie St.
Chicago, IL 60611

Attn: Mr. Elmer Field
Hearing Officer

Re: HANNAH MARINE CORPORATION
Violation 81-227

Dear Mr. Field:

I am pleased to report that with the new chlorinator pump and new point of application we have reduced our coliform count to zero for three consecutive weeks. Residual chlorine count last week was 100. (Per Suburban Laboratories weekly sampling and report).

I feel that I can now state, with confidence, that we have solved our problem and are in compliance.

Thank you for your efforts in assisting us in conciliating this matter.

Very truly yours,

HANNAH MARINE CORPORATION



Carl F. Lambert
Manager of Safety & Compliance

CFL:ds

cc : HWK
DEU



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RICHARD J. TROY
LOUIS S. VIVERITO

IN THE NAME OF
THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
COOK COUNTY, ILLINOIS

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO) COMPLAINT NO. 82-121
Vs.)
HANNAH INLAND WATERWAYS CORP.) WATERWAY
)

NOTICE OF VIOLATION

TO: Mr. David E. Updegraff, Mgr. Resource Planning FACILITY:
P.O. Box 189 Rt. 111 & Rt. 83
Lemont, Illinois 60439 Lemont, Ill.

Investigation has revealed that you are in violation of Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable State Statutes pertaining to pollution. Your violation consists of: discharging an effluent with excessive concentrations of fecal coliform (>60,000 per 100 ml - 9:40 am on 1/20/82) and free ammonia as nitrogen (32.4 mg/l - 9:40 am on 1/20/82 and 27.0 mg/l - 10:15 am on 2/17/82) into the Chicago Sanitary and Ship Canal from your private treatment plant.

You or your authorized representative, are requested to appear at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on March 19, 1982 at 11:00 am to conciliate on the subject matter, and to submit, at that time, a plan and schedule for abatement of such pollution. Direct phone inquiries should be made to Jerome Tobias at 751-5697.

YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH PENALTY AND LEGAL ACTION AS PROVIDED BY LAW.

Jerome Tobias
Jerome Tobias
Chief Enforcement Officer

Wm

Witness March 9, 1982
The Metropolitan Sanitary District
of Greater Chicago
Hugh H. McMillan, General Superintendent
By *Cecil Lue-Hing*
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00035

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN
SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation,
organized and existing under and by virtue of the laws of the
State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION 82-121
NOTICE# 1
HEARING 1
DATE 3/22/82

Hannah Inland Waterways Corp., Rt. 111 & Rt. 83, Lemont, Ill.
FID: 362608994

hereinafter called the "COMPANY":

MSD Treatment Plant MSD Waterway Chicago Sanitary & Ship Canal
Alleged Violations Fecal coliform and free ammonia as nitrogen


WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the
pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to
conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Co. attributes their alleged violation to the breakdown of a
macerator pump in Jan. 1982. The pump was replaced in Feb. 1982
and the old pump was repaired to be used as a spare. With the
breakdown of the pump the lines froze compounding the mechanical
breakdown.

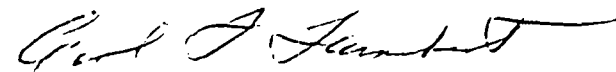
Co. will have an independent contractor check its treatment system.

Co. will return on April 23, 1982 at 11:00 am with a progress report
and a plan and schedule for compliance.

COMPLIANCE DATE: _____

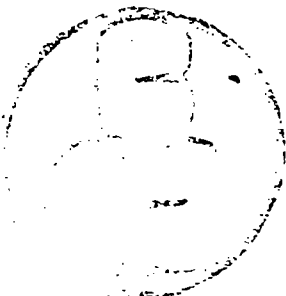


Hearing Officer (s)
E. Field



Company Representative (s)
Carl Lambert, Mgr-Safety & Compliance
Deno Fabbre, Mgr.-Shipyard Operations

00036



Boesch
Consulting
Engineers

213 Tomahawk Court Bolingbrook, Illinois 60469 312 752-4512

March 30, 1982

Mr. C. F. Lambert
Hannah Marine Corporation
361 Frontage Road
Burr Ridge, Illinois 60521

Adverse IEPA Report
Lemont Yard

Dear Nick:

In accordance with your request of March 23 we met today with Bill Wilson and John Thompson to determine the cause of the above report.

John informed us that the discharge line had frozen during the winter. We had suggested last year when Bob Cizek was taking care of the chlorination that heat be provided in the "dog house" when the temperature fell below freezing. The frozen line is most probably the cause for the Colliform Count to be up. The solids excess is, we believe, an error. If it appears again we suggest cleaning the system as was done a year or so ago.

The flow path now being used is somewhat of a Rube Goldberg. We suggested to John and to Bill that the "dog house" be relocated next to the manhole adjacent to the west wall of the shop building. John could see no problem, since the "dog house" and base are light enough to be lifted and carried to the new location. Electricity is already in place for the pump in the manhole, and running a feed from the timer to the chlorination pump would not be difficult. When the "dog house" has been relocated John can then run the feed underground into the manhole, thereby preventing exterior freezing. Bill says they plan to heat the "dog house" this winter, which will insure pump operation.

We left Wallace & Tiernan brochures covering the pump for John and Bill, as well as an anti-siphon spring for the discharge line.

Please let us know when the pump has been relocated so that we can check the installation.

Cordially,

H. J. Boesch Jr.

HJB/es

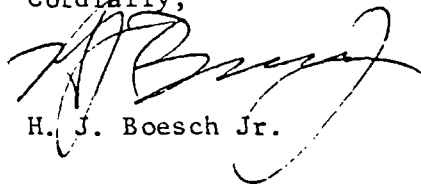
00037

Mr. Nick Lambert April 1, 1982 Page Two

Due to the rising cost of almost everything future time will be invoiced at \$40.00 per hour. As you will note, this is the first increase in two years.

Please let us know when Bill and John have the pump set up in the new location, and we will come down and check it out.

Cordially,

A handwritten signature in dark ink, appearing to read 'H. J. Boesch Jr.', written in a cursive style.

H. J. Boesch Jr.

HJB/es

00038

TO

Roy Kaufmann

FROM

J. Tormann

SUBJECT

Hannah Mame

DATE

6/18/82

MESSAGE

Subject as appears to be translation of storage tanks on property. Suggest info. be made to determine validity of tank storage system. What type of prod. if any? Does clay beam? What are tanks to be used for? Did company contact MSD about new installation?

SIGNED

J. Tormann

REPLY

J. E. Foglewicz 6-25-82 report attached page 8/7

SIGNED

DATE

/ /

Radiform 45 472

SEND PARTS 1 AND 3 WITH CARBON INTACT -
PART 3 WILL BE RETURNED WITH REPLY.

ONLY PART 30 NEED BE RETURNED

00039

Subject of Investigation:

Hannah Marine Corp.
Rts. 82 & 171
Lemont, Illinois
FID #362 780 828

Date of Investigation:

June 25, 1982

Originated by:

Main Office ☒
Trt. Plant ☐ Clean Streams ☐
Other ☐ Local Authority ☐

Type of Complaint:

Waterway ☒ Sewer ☐ Other ☐

PersonDateTime

J. Tomaras	6/18/82	
E. Field	4/23/82	

Supervisor Assigned:

James E. Figlewicz

Water Samplers:

Gieseeman, Sheridan, Lane

Sample ☒

Photographs ☐

Additional Information Attached ☐

INVESTIGATION:

The writer, accompanied by D. Swets, PCO-I, visited the facility on June 25, 1982, to conduct an inspection with regard to new installation of old storage tanks on the property. Investigators met with Mr. Vaden Robertson, Yard Superintendent.

Inspection confirmed addition of three 20,000 gallon storage tanks to company's property. The tanks were purchased from Material Service (yard number unknown). These tanks have been cleaned and contain no residues. At present, company has no plans to install these tanks in the foreseeable future due to lack of finances. The tanks will probably be used to store wash water generated from plant operations. Company will install regulation pads and clay berms before the tanks are put into operation. Company is in the process of obtaining building and installation permits and will inform the MSD before installation of the tanks occurs.

In regard to Violation #82-121, a compliance inspection was conducted of the company's private treatment plant. Compliance date was May 21, 1982.

Inspection revealed that the chlorinator has been moved to the north side of Station #18. A check of the effluent showed the pH to be between 8-9, which bleached out rapidly; a strong chlorine odor; clear, slightly yellow, slight sediment;

00040

June 25, 1982

Hannah Marine Corp.
Rts. 83 and 171
Lemont, Illinois

and no flow was observed. Mr. Robertson stated that he would have his electrician check out the chlorinator and cut back on the proportion to be added.

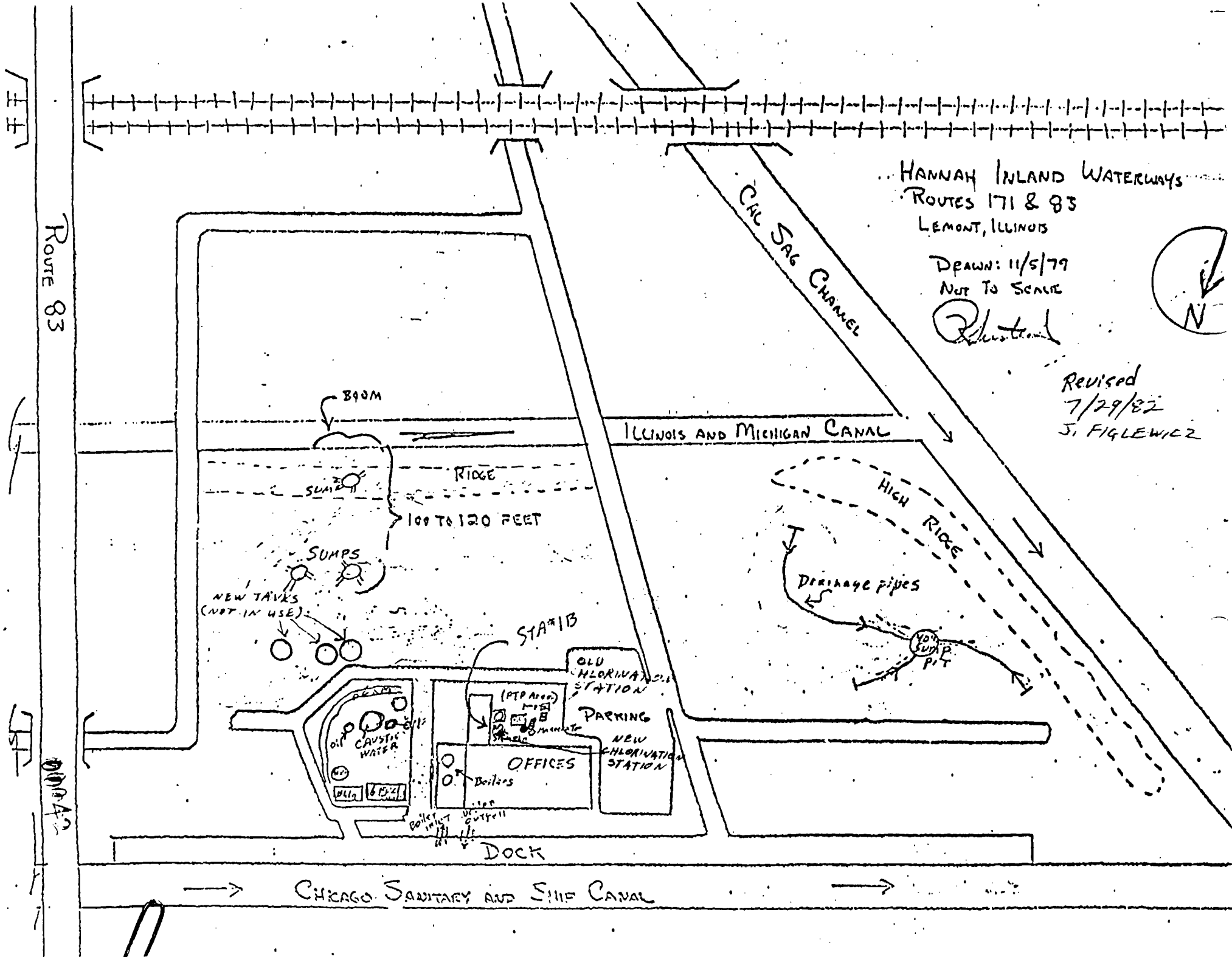
Compliance sampling followed on July 15, 21 and 28. A total of nine (9) samples was taken. Samples were delivered to the WSW R & D Laboratory for the following analysis: General Chemistry and fecal coliform. A two (2) sample composite was conducted on the General Chemistry samples. Grabs were taken for fecal coliform. Surveillance will continue with normal monthly private treatment plant sampling at Station #1B.

Reviewed: Ray Kaufman

JEF/dms

James E. Figlewicz
James E. Figlewicz, PCO-1, Badge #150

00041



HANNAH ISLAND WATERWAYS
Routes 171 & 83
LEMONT, ILLINOIS

DRAWN: 11/5/79
NOT TO SCALE

Robert

Revised
7/29/82
J. FIGLEWICZ



Cecil Lue-Hing

Director
Research & Development



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RICHARD J. TROY
LOUIS S. VIVERITO
DENNIS F. VOSS

NOTICE OF VIOLATION

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)

vs.)

MARINE)
HANNAH INLAND WATERWAYS)
CORP.)

VIOLATION NO. 84-204C

WATERWAY

Facility:

TO: Mr. David E. Updegraff
Mgr., Resource Planning
P. O. Box 189
Lemont, Illinois 60439

Rt. 111 & Rt. 83
Lemont, Illinois

Investigation has revealed that you have violated Appendix A of the Sewage and Waste Control Ordinance of The Metropolitan Sanitary District of Greater Chicago and the applicable Illinois law pertaining to pollution. Your violation consists of: discharging an effluent with excessive concentrations of fecal coliform (130,000 per 100 ml, grab sample taken at 2:00 p.m. on 4/2/84) into the Chicago Sanitary & Ship Canal from your private treatment plant.

An owner or an officer of the respondent, authorized to legally bind the respondent, is directed to appear at a conciliation meeting at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on April 30, 1984 at 11:00 a.m. to discuss and attempt to resolve the violation and to submit, at that time, a plan and schedule for abatement of said pollution. Direct phone inquiries should be made to Jerome Tobias at 751-5697.

THESE PROCEEDINGS ARE TECHNICAL AND NON-ADVERSARY IN NATURE. ANYONE APPEARING PURSUANT HERETO MAY APPEAR WITH LEGAL AND/OR TECHNICAL COUNSEL. YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH LEGAL ACTION AND SANCTIONS AS ARE PROVIDED BY LAW.

Witnessed: April 16, 19 84
The Metropolitan Sanitary District
of Greater Chicago
Raymond R. Rimkus, General Superintendent

PREPARED BY:

Jerome Tobias
Chief Enforcement Officer
EWF/dh

BY:

Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00043

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN
SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation,
organized and existing under and by virtue of the laws of the
State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	84-204C
NOTICE#	1
HEARING	1
DATE	4/30/84

HANNAH MARINE CORP - RTE 111 & RTE 83 - LEMONT IL

hereinafter called the "COMPANY":

MSD Treatment Plant _____ MSD Waterway _____ Sanitary & Ship Canal
Alleged Violations _____ Fecal coliform (130,000 per 100 ml)

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the
pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to
conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Company claims MSD field personnel sampled upstream of their treatment
system, which appears to be the case from our field sketch. Company has
provided their own sketch showing the correct sampling point and will
install a sign for further clarification. Company claims they are in
compliance. MSD field personnel will be instructed as to correct sampling
location.

Company will operate its wastewater treatment system at all times
necessary to treat its contaminated wastewater. It will immediately notify
SDGC in the event of a spill of contaminated wastes to the waterway
if its treatment system malfunctions or is shut down for any reason.

The company will maintain an inventory of spares for critical parts of
its treatment system which are subject to frequent failure and submit a
copy of said inventory within two weeks.

The company will continue manifest transfer of production residues
or disposal as required by the District's Sewage and Waste Control Ordinance.

The company has been advised that they will be required to comply
with any applicable federal pretreatment regulations as they become effective.

COMPLIANCE DATE: 4/30/84

Sitting Officer (s)

Joseph Wadz

Company Representative (s)

00041

David Updegraff - Exec. Vice Pres.
Richard Trizna - Sup. ADMN -Tech. Serv.
Henry Boesch - Consultant

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

DEPARTMENT: RESEARCH AND DEVELOPMENT

DATE: April 9, 1985

TO: James Dencek
Supervisor of Field Operations

FROM: Jerome Tobias
Chief Enforcement Officer

SUBJECT: Hannah Marine
Routes 83 and 171
Lemont, Illinois

~~AE~~ flag
what was problem
with sampling point?
J

The subject company was sampled on 2/25/85 and 2/26/85 at what appears to be the incorrect location, based on the sketch provided with the field report (see attached conciliation agreement dated 4/30/84 and attached company sketch dated 4/24/84). It is also noted that the sample obtained on 2/25/85 produced a violation for copper.

Please inspect the subject company to address the issue of sampling location, and investigate for possible sources of copper. Also, please resample from the correct sampling point and revise the field sketch as required.

Jerome Tobias

Jerome Tobias
Chief Enforcement Officer

APPROVED:

Arthur J. Sherman
Arthur J. Sherman
Industrial Waste Manager

JT:JW:jmp

Attachments

00045

**THE METROPOLITAN SANITARY DISTRICT OF
GREATER CHICAGO**

DEPARTMENT: Research & Development

DATE: 6/3/85

TO: James T. Dencek, PCO IV

FROM: James E. Figlewicz, PCO I

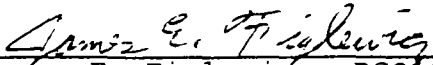
SUBJECT: HANNAH MARINE
Rts. 83 & 171
Lemont, Illinois

Water Samplers visited the subject company on April 8, 1985. This was in regards to the once per quarter sampling schedule for the Private Treatment Plant Program.

It appears the samplers have been sampling the wrong manhole, for Station #1B, in the past. With the help of company sketches, the proper sampling has now been determined and sampled.

Samples taken at Station #1B were preserved and delivered to the R&D Lab at the WSW Plant. Parameters analyzed were General Chemistry, Trace Metals, FOG, Cyanide, and Phenol.

Total Samples: 8


James E. Figlewicz, PCO I

Reviewed: 

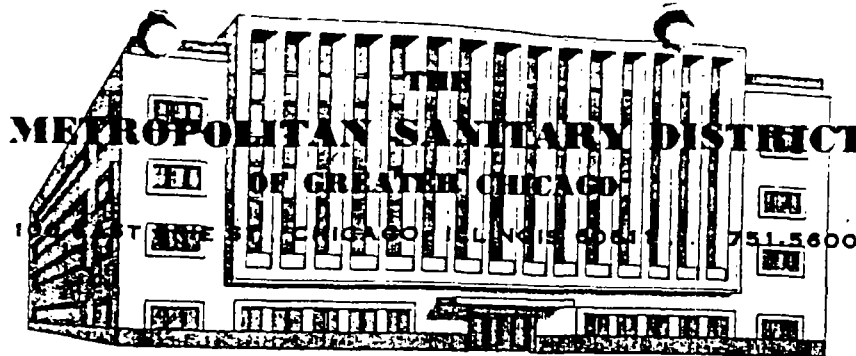
JEF:cn

YOU
ESTRICTE
S. Enter fees for 11
check the 2nd
ELAS
PRESIDENT



Cecil Lue-Hing

Director
Research & Development



BOARD OF COMMISSIONERS

JOANNE H. ALTER
THOMAS S. FULLER
NELLIE L. JONES
JAMES C. KIRIE
GLORIA MAJEWSKI
NICHOLAS J. MELAS
AURELIA PUCINSKI
RICHARD J. TROY
LOUIS S. VIVERITO

NOTICE OF VIOLATION

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)

vs.)

HANNAH MARINE)

VIOLATION NO. 86-074C

WATERWAY

Mr. David E. Updegraff
TO: ~~Manager~~ ~~Exec. Vice Pres.~~
~~Resource Planning~~
361 Frontage Road
Suite 101
Burr Ridge, Illinois 60521

Facility: Route 171 and Route 83
Lemont, Illinois 60439

Investigation has revealed that you have violated Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable Illinois law pertaining to pollution. Your violation consists of: discharging an effluent with excessive concentrations of suspended solids (3088 mg/l), iron (18.2 mg/l) and with high pH value (9.2) into the Chicago Sanitary and Ship Canal, based on a grab sample taken at 11:45 a.m. on January 23, 1986.

An owner or an officer of the respondent, authorized to legally bind the respondent, is directed to appear at the Industrial Waste Division, Enforcement Section, Third Floor, at 111 East Erie Street, Chicago, Illinois, on March 24, 1986 at 2:00 p.m. for a conciliation meeting, to discuss and attempt to resolve the violation and to submit, at that time, a plan and schedule for compliance. Direct phone inquiries should be made to Joseph Wadz at 751-3047.

THESE PROCEEDINGS ARE TECHNICAL AND NON-ADVERSARY IN NATURE. ANYONE APPEARING PURSUANT HERETO MAY APPEAR WITH LEGAL AND/OR TECHNICAL COUNSEL. YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH LEGAL ACTION AND SANCTIONS AS ARE PROVIDED BY LAW.

Witnessed: March 10, 1986
The Metropolitan Sanitary District
of Greater Chicago
Frank E. Dalton, General Superintendent

PREPARED BY:

Jerome Tobias
Chief Enforcement Officer

CLK:JW:lg

CLK:RL:MS:JT:JW:lg

BY:

Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00047



City of Chicago
Harold Washington, Mayor

Department of
Consumer Services
Jesse D. Madison
Commissioner

City Hall, Room 808
121 North LaSalle Street
Chicago, Illinois 60602
(312) 744-4091

March 18, 1986

Mr. Donald C. Hannah
President
Hannah Marine Corporation
361 Frontage Road - Suite 101
Burr Ridge, IL 60521

Dear Mr. Hannah:

A complaint has been received by this Department about an incident which took place on Sunday, March 9, 1986 at 1:40 PM. Your tug boat, the Mary E. Hannah, was moored on Lake Michigan between Navy Pier and the locks to the Chicago River; more accurately located in front of Rocky & Sons Fish House at 138 Streeter Drive.

Several citizens witnessed a member of the crew of the Mary E. Hannah pumping out its toilet facility into the waters of Lake Michigan. Human waste and toilet paper were observed polluting the waters in the area. This action was not observed by one of our inspectors, therefore a citation was not issued. However, this is a violation of Chapter 17 Article 5 Section 17-5.3 of the Municipal Code of the City of Chicago (a copy of which is attached).

Your tug boat crew exhibited poor judgement and total disregard for regulations and ordinances governing the operation of watercraft on our waterways. We expect you to take whatever action is necessary to curtail this type of behavior by your employees. Be assured, we will vigorously enforce all ordinances if violations are observed.

IND. WASTE DIV.

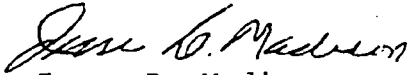
1986 APR -2 AM 11:37

DET. SAN. DIST.
OF CRT. CHGO.

*J. Dancak -
Pls. have surveillance
maintained when
we have personnel
in area J. 4/2/86
4/2/86*

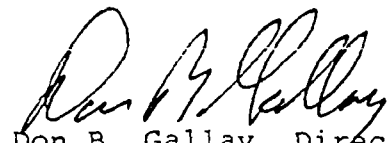
00048

Sincerely,



Jesse D. Madison
Commissioner

Originated by:



Don B. Gallay, Director
Engineering & Enforcement

Attachment

JDM/DBG/ma

cc: USEPA, Region V
Corps of Engineers, US Army, Chicago District
M.S.D., Enforcement
Illinois EPA, Waterways
Chicago Police Department, Marine Unit
J. Evanoff, DCS
Director of Energy & Environmental Programs

00049

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN
SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation,
organized and existing under and by virtue of the laws of the
State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	<u>86-074C</u>
NOTICE#	<u>1</u>
HEARING	<u>1</u>
DATE	<u>3/24/86</u>

Hannah Marine, Rt. 171 & 83, Lemont, IL
hereinafter called the "COMPANY":

MSD Treatment Plant MSD Waterway Chicago Sanitary & Ship Canal
Alleged Violations Suspended solids, iron, high pH

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the
pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to
conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Company reports that they had recently cleared out their wash-
room sewers, suspects high readings due to that, although could
not explain high pH.

Company states that, to the best of their knowledge, no barge
cleaning wastewaters are discharged, but are either recycled or
hauled away.

Company submitted analysis of recent grab samples, 5 most recent
in compliance.

Company will return on 4/22/86 at 10:00 a.m. with complete plant
layout/sewer ~~drawing~~ drawing, showing location of barge cleaning,
treatment and septic systems, verifying what discharges to Sta. 1B.
Company will also investigate source of high pH.

COMPLIANCE DATE: _____

Hearing Officer (s) J. Wadz

Company Representative (s) D. Updegraff
D. Updegraff, Exec. Vice Pres.

TO: DEU
FROM: JCB
DATE: March 31, 1986
SUBJ: SHIPYARD SEWAGE TREATMENT

The 3" sewer lines come from the mens and ladies washrooms and the 6" sewer line comes from the shop washroom. All of these lines connect to the sewer macerator which in turn flows into the septic tank field, from there to the hypochlorinator, where the grab samples are taken, and then to the Chicago Sanitary and Ship Canal.

All of these lines are segregated lines and used only for the sewer system. At no time does Hannah Marine Corporation discharge barge cleaning waste water into the sewer system or the waterway. All barge waste water is removed from the premises via licensed waste haulers and is properly manifested.

The high ph reading that showed up in the January, 1986 report was due to the malfunction of our shop sewer which was plugged and in turn, trapped our employee hand soap detergent so that when our sewer was rodded out, this released the soap detergent at one time and in turn gave us the high ph reading.

For as you can well see by the analysis that we submitted of our recent grab samples, we were in compliance, which shows that our chlorination system is in good working order.

Enclosed you will find two schematic drawings of the sewage treatment system.

JCB/da

Encl

00051

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN
SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation,
organized and existing under and by virtue of the laws of the
State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	<u>86-074C</u>
NOTICE#	<u>1</u>
HEARING	<u>2</u>
DATE	<u>4-22-86</u>

Hannah Marine, Rt. 171 & 83, Lemont, IL.
hereinafter called the "COMPANY":

MSD Treatment Plant MSD Waterway Chicago Sanitary & Ship Canal
Alleged Violations Suspended solids, iron, high pH

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the
pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to
conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Company furnished requested drawings, states PTP discharge is strictly
sanitary wastes from office and shop washroom and shower. All barge
cleaning wastewater is hauled away and manifested.

Regarding the high pH, company believes was caused by a release of
soap detergent during the recent sewer unplugging, although a company
sample taken after the unplugging and before MSD's sample showed
normal pH. Subsequent Company's samples indicate compliance.

COMPLIANCE DATE: 4-22-86

Wadz
Hearing Officer (s)

Wadz

D. Updegraff
Company Representative (s)

D. Updegraff, Exec. Vice President

ib

00052

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
INDUSTRIAL WASTE DIVISION
CASE DISPOSITION

IND. WASTE DIV.
APR 25 AM 9:16
MET. SAN. DIST.
OF GRT. CHGO.

F.I.D. # HIW 1WDate 4/22/86Company HANNAH MARINELocation Rts. 83 & 171, LemontViolation # 86-074CCompliance Date 4/22/86☐ Sanitary Sewer☐ Waterway☐ Manhole☐ Other

FIELD INFORMATION

☐ Inspection NONEHandled By Figlewicz☒ Sampling 4/21/86Sampled By Thigpen, SeaholmTYPE OF SAMPLING:☒ Grab ☐ Composite☐ Trailer ☐ AutomaticTYPE OF STUDY:☐ Initial Study☐ Special Investigation # _____☐ Surveillance☐ User Technical☐ User N/R☐ Compliance☐ Conciliation☐ Show Cause☐ Court☒ Other Private Treatment PlantSECTION:☐ North ☐ South☐ N. Central ☐ User Charge☒ ~~XX~~ Central ☐ User N/R☐ Waterway

REMARKS: Routine PTP Study once per quarter.

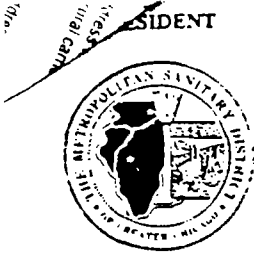
ENFORCEMENT EVALUATION

☐ In Compliance☒ In Violation☐ Sanitary Sewer☒ Waterway Suspended Solids
Sampled prior to compliance date☐ Other

DISPOSITION:☐ Show Cause☐ Court☐ Surveillance☐ Resample _____ Days☐ Type _____☐ No Further Action Necessary☒ Follow-Up as Necessary *PARAMETERS:☐ All☐ Cyanide☐ pH☐ B.O.D.☐ F.O.G.☐ Bacti☐ Metals☐ _____By: J. PoliusDate: 5/19/86

* 3 day compliance sampling program

00053



THE METROPOLITAN SANITARY DISTRICT

OF GREATER CHICAGO

100 EAST ERIE ST. CHICAGO, ILLINOIS 60611 751.5600

JOANNE H. ALTER
THOMAS S. FULLER
NELLIE L. JONES
JAMES C. KIRIE
GLORIA MAJEWSKI
NICHOLAS J. MELAS
AURELIA PUCINSKI
RICHARD J. TROY
LOUIS S. VIVERITO

Cecil Lue-Hing

Director
Research & Development

NOTICE OF VIOLATION

THE METROPOLITAN SANITARY) VIOLATION NO. 86-416C
DISTRICT OF GREATER CHICAGO)
vs.) WATERWAY
)
HANNAH MARINE CORPORATION) SECOND VIOLATION
)

TO: Mr. David E. Updegraff
Executive Vice President
361 Frontage Road
Suite 101
Burr Ridge, Illinois 60521

Facility: Route 171 & Route 83
Lemont, Illinois 60439

Investigation has revealed that you have violated Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable Illinois law pertaining to pollution. Your violation consists of: discharging an effluent with an excessive concentration of BOD (135 mg/l) into the Chicago Sanitary and Ship Canal, based on a grab sample taken at 2:30 p.m. on October 6, 1986.

An owner or an officer of the respondent, authorized to legally bind the respondent, is directed to appear at the Industrial Waste Division, Enforcement Section, Third Floor, at 111 East Erie Street, Chicago, Illinois, on November 21, 1986 at 2:00 p.m. for a conciliation meeting, to discuss and attempt to resolve the violation and to submit, at that time, a plan and schedule for compliance. Direct phone inquiries should be made to Joseph Wadz at 751-3052.

THESE PROCEEDINGS ARE TECHNICAL AND NON-ADVERSARY IN NATURE. ANYONE APPEARING PURSUANT HERETO MAY APPEAR WITH LEGAL AND/OR TECHNICAL COUNSEL. YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH LEGAL ACTION AND SANCTIONS AS ARE PROVIDED BY LAW.

Witnessed: November 5, 1986
The Metropolitan Sanitary District
of Greater Chicago
Frank E. Dalton, General Superintendent

PREPARED BY:

Jerome Tobias
Jerome Tobias
Chief Enforcement Officer
CLH:JW:lg
CLH:RL:ABS:JT:JW:lg

BY:

CLH/RL
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00054

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation, organized and existing under and by virtue of the laws of the State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	<u>86-416C</u>
NOTICE#	<u>2</u>
HEARING	<u>1</u>
DATE	<u>11/21/86</u>

Hannah Marine Corporation, Rts 171 & 83, Lemont
hereinafter called the "COMPANY":

MSD Treatment Plant _____ MSD Waterway _____ Chicago Sanitary & Ship Canal
Alleged Violations BOD

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Company states that they recently increased staffing at this facility which probably overloaded their septic system. Company states they contracted to have septic tank pumped out and replace the sand in their filter bed. Company expects work to be completed in 2-3 weeks.

Company notes that they were unaware that the problem existed based on favorable sampling results by their consultant.

COMPLIANCE DATE: 12/12/86

J. Wadz
Hearing Officer (s) J. Wadz

J. Barnas, G.M. Op. & Traffic
Company Representative (s)
J. Barnas, G.M. Op. & Traffic
D. Updegraff, Exec. V.P.

P03

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO <i>Hannah Marine</i> STREET AND NO. <i>361 Frontage Road</i> PO, STATE AND ZIP CODE <i>Burr Ridge 60521</i>	POSTAGE	CERTIFIED FEE	SPECIAL DELIVERY RESTRICTED DELIVERY	SHOW TO WHOM AND DATE DELIVERED	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	TOTAL POSTAGE AND FEES	POSTMARK OR DATE
OPTIONAL SERVICES		RETURN RECEIPT SERVICE		CONSULT POSTMASTER FOR FEES					

RY DISTRICT

160

60611

751.5600

BOARD OF COMMISSIONERS
JOANNE H. ALTER
THOMAS S. FULLER
NELLIE L. JONES
JAMES C. KIRIE
GLORIA ALITTO MAJEWSKI
NICHOLAS J. MELAS
AURELIA PUGINSKI
NANCY DREW SHEEHAN
RICHARD J. TROY

PS Form 3800, Apr. 1976

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)

vs.

HANNAH MARINE CORPORATION)

VIOLATION NO. 87-112C

WATERWAY

THIRD VIOLATION

TO: Mr. David E. Updegraff
Executive Vice President
361 Frontage Road
Suite 101
Burr Ridge, Illinois 60521

Facility: Route 171 and Route 83
Lemont, Illinois 60439

Investigation has revealed that you have violated Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable Illinois law pertaining to pollution. Your violation consists of: discharging an effluent with high pH (9.7) and with an excessive concentration of suspended solids (964 mg/L) into the Chicago Sanitary and Ship Canal, based on a grab sample taken at 10:05 a.m. on February 11, 1987.

An owner or an officer of the respondent, authorized to legally bind the respondent, is directed to appear at the Industrial Waste Division, Enforcement Section, Third Floor, at 111 East Erie Street, Chicago, Illinois, on April 9, 1987 at 2:00 p.m. for a conciliation meeting, to discuss and attempt to resolve the violation and to submit, at that time, a plan and schedule for compliance. Direct phone inquiries should be made to Rion Klawinski at 751-3047.

THESE PROCEEDINGS ARE TECHNICAL AND NON-ADVERSARY IN NATURE. ANYONE APPEARING PURSUANT HERETO MAY APPEAR WITH LEGAL AND/OR TECHNICAL COUNSEL. YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH LEGAL ACTION AND SANCTIONS AS ARE PROVIDED BY LAW.

Witnessed: March 20, 1987
The Metropolitan Sanitary District
of Greater Chicago
Frank E. Dalton, General Superintendent

PREPARED BY:

Jerome Tobias
Jerome Tobias
Chief Enforcement Officer

CLH:JW:ib
CLH:RL:AUS:JT:JW:ib

BY:

CLH/KL
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00050

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

DEPARTMENT: Research & Development

DATE: 2/23/87

TO: James T. Dencek, PCO IV

FROM: James E. Figlewicz, PCO I

SUBJECT: HANNAH MARINE
Routes 83 & 171
Lemont, Illinois

The subject facility was sampled on February 11, 18, 19, and 20, 1987. This was in regards to Violation #86-074C, for Suspended Solids, Iron, and high pH, with a compliance date of April 22, 1986. Also Violation #86-416C for BOD with no compliance date on file.

A low pH of 3 was observed on February 11. Mr. George Vosava, of this facility, stated on February 18, that there had been an equipment breakdown on February 11. This breakdown had caused the low pH condition. Repairs had been made immediately, which corrected the pH problem.

Grab samples from Station #1B, at this Private Treatment Plant, preserved and delivered to the WSW Lab. Parameters analyzed for were General Chemistry, Cyanide, Phenol, FOG, and Trace Metals.

Total Samples: 20

James E. Figlewicz
James E. Figlewicz, PCO I

Reviewed: _____

00057

SWW

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Date of Investigation:

Hannah Barge Company
@ Apex Oil Terminal
Kedzie Ave & C. S. S. C.

5/20/73

Originated by:

Main Office ☒

Trt. Plant ☐

Clean Streams ☐

Other ☐

Local Authority ☐

Type of Complaint:

Waterway ☒

Sewer ☐

Other ☐

Person

Date

Time

J. Tomaras

5/20/73

12:00 pm

Supervisor Assigned:

Water Samplers:

R. Trzos - PCO I

Sample ☐

Photographs ☒

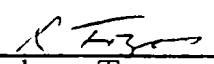
Additional Information Attached ☐

INVESTIGATION:

Mr. Tom Ryan, Terminal Manager of Apex Oil Terminal, reported to M. S. D. Systems Dispatcher that #5 oil was leaking from Hannah Barge #2001. The leak was noticed at 9:40 am.

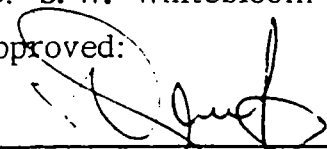
I made a tandem investigation with Mr. Lefrancois of U. S. C. G. and Mr. William Zilis of Hannah Barge Co. Approximately one quart of #5 oil was trapped behind an oil boom placed around the barge. The leak was from #4 starboard compartment which was pumped dry before my arrival. Spill could not be sampled because it was minimal.

RT/rp


Robert Trzos -
Pollution Control Officer I

cc: S. W. Whitebloom

Approved:


James T. Dencek - PCO IV
Industrial Waste Control

20038

I W C FIELD OPERATION - SPECIAL INVESTIGATION

INVESTIGATION #4631 - OIL SPILL

Subject of Investigation:

Hannah Inland Waterways Corp.
Lemont, Illinois

Date of Investigation:

January 8, 1975

J. Trzos

Originated by:

Main Office ☐
Trt. Plant ☐
Other ☒ Local Authority ☐

Type of Complaint:

Waterway ☒ Sewer ☐ Other ☐

Person

Date

Time

George Morgan	1-8-75	3:30 p.m.

Supervisor Assigned:

R. Trzos P.C.O. I

Water Samplers:

Sample ☒

Photographs ☐

Additional Information Attached ☒

INVESTIGATION:

George Morgan, of Allied Oil Company, 3301 South California, reported directly to Al Giedraitis, that a Hannah Barge was leaking oil at the Allied dock facility.

I arrived at the scene at 4:00 p.m., and a sample was taken at this time from the Sanitary and Ship Canal between Hannah Barge #2001 and the dock facility. (Refer to Report of Pollution dated 1-8-75)

The spill was contained between booms at the bow and stern of Barge #2001 and Mr. George Smith of Hannah Barge was in charge of cleanup. Approximately 30 gallons of Bunker C oil were in the water at this point emanating from hold either #3 or #4. Off loading was in progress from both the bow and stern compartments in an effort to raise the level of the barge from the waterway. Mr. Smith estimated that the compartments #3 and #4 would not be off loaded until approximately 11:00 p.m. this date.

The investigation was terminated at 4:30 p.m.

R. Trzos
R. Trzos, P.C.O. I

00059

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Hannah Inland Waterways Corp.
Lemont, Ill.

Date of Investigation:

Feb. 27, 1975

J. Trzos

Originated by:

Trt. Plant ☐
Other ☐

Main Office ☒
Clean Streams ☐
Local Authority ☐

Type of Complaint:

Waterway ☒ Sewer ☐ Other ☐

Person

Date

Time

Kaufman - Helicopter	2-27-75	2:00PM

Supervisor Assigned:

R. Trzos

Water Samplers:

Sample ☒

Photographs ☐

Additional Information Attached ☐

INVESTIGATION:

Oil slick was reported by R. Kaufman from the MSD helicopter surveillance. There was approximately 10 gals. of light lubricating oil in the water between the seawall and American Commercial Barge #600.

A sample was taken and Mr. Dino Fabre of Hannah was notified to start a cleanup. Mr. Fabre stated that he was unaware of the oil in the water. He initiated cleanup immediately and notified the U.S.C.G. at 2:45PM.

I returned to the sight at 3:30PM after another Special Investigation, and the oil boom was in place and the company personnel were removing the oil.

A hexane soluble sample has been turned into the SW Laboratory.

Code # 27 , same as the date, was assigned to the sample site.

R. Trzos PCO I

R. Trzos

Approved: N. Venuso PCO III

N. Venuso

00060

POLLUTION INVESTIGATION
Case No. 6D017/75

SYNOPSIS: On 14 March 1975, residue oil entered the Chicago Sanitary and Ship Canal, at mile 299.8 from T/B HANNAH 2901 at Lemont Shipbuilding, slip number three. An investigation was conducted.

SUSPECTED VIOLATOR: Hannah Inland Waterways Corporation
Box 89
Lemont, Illinois 60439

COMPANY REPRESENTATIVE: George Smith
Fleet Maintenance Supt.
c/o Hannah Inland Waterways Corp.
Tele: 312-242-3210

CLEANUP CONDUCTED BY: Hannah Personnel & Browning Ferris, Lemont, Illinois

PERSON REPORTING POLLUTION: Mr. Bill Wilson
c/o Lemont Shipbuilding

FINDINGS OF FACT

1. On the 14th of March 1975 at approximately 1400, I was dispatched to investigate an oil spill at Lemont Shipbuilding, Lemont, Illinois. The incident was reported by Mr. Bill Wilson, Environmentalist, Lemont Shipbuilding.
2. I arrived on scene at approximately 1430. I met with Mr. Bill Wilson and Mr. George Smith, Fleet Maintenance Superintendent, Hannah Inland Waterways, at the barge repair dock of Lemont Shipbuilding.
3. Mr. George Smith stated that the discharge occurred when the T/B HANNAH 2901 was raised out of the water for repairs. On the 23rd of February, the HANNAH 2901 ran aground in Milwaukee, Wisconsin and had extensive hull damage. Oil was discharged as the holes in the hull surfaced.
4. It is a policy of Lemont Shipbuilding to have an oil boom placed around all vessels being worked on to prevent any oil spillage from reaching the canal. Approximately 50 gallons of oil was discharged into the water surrounding the HANNAH 2901 and was contained by the boom. Samples were taken.
5. Cleanup was accomplished through the use of a vac-all truck.
6. I returned to Lemont Shipbuilding on 17 March 1975 to take pictures of the damaged barge and observed that the cleanup had been completed.

KENNETH J. KOLAR
RM3, USCG

00061

DEPARTMENT OF TRANSPORTATION U. S. COAST GUARD CG-3639 (Rev. 9-72)		WATER POLLUTION (Check applicable violation(s))		
		<input type="checkbox"/> OIL POLLUTION ACT OF 1961 (Discharge of oil by vessels within prohibited zones of the high seas.)		
		<input type="checkbox"/> OIL POLLUTION ACT OF 1924 (Discharge of oil by vessels into navigable waters of the United States.)		
		<input checked="" type="checkbox"/> Federal Water Pollution Control Act, Amendment of 1972		
<input type="checkbox"/> THE REFUSE ACT OF 1899 (Discharge of refuse by vessel or shore facility into any navigable waters of the United States.)				
REPORTING UNIT Captain of the Port, Chicago, Illinois		CG DISTRICT Nine	DATE OF VIOLATION 14 March 1975	
SECTION I - VESSEL DATA Case No. 6D017/75				
1. NAME OF VESSEL T/B HANNAH 2901		2. OFFICIAL NUMBER 287 338	3. NATIONALITY U. S.	
4. TYPE OF VESSEL <input type="checkbox"/> DRY CARGO <input type="checkbox"/> TANKER <input checked="" type="checkbox"/> TANK BARGE <input type="checkbox"/> OTHER (Specify)		5. GROSS TONS 1698	6. INTERNATIONAL CALL -	
7. OWNERS (Name and address) Hannah Inland Waterways Corp. Box 189 Lemont, Illinois 60439		8. LOCAL AGENT (Name and address) Same as item 7		
9. MASTER a. NAME AND ADDRESS (If available) b. LICENSE NO.		10. CHIEF ENGINEER a. NAME AND ADDRESS (If available) b. LICENSE NO.		
SECTION II - OIL RECORD BOOK DATA				
1. REQUESTED RECORD BOOK FROM <input type="checkbox"/> MASTER <input type="checkbox"/> CHIEF ENGINEER		2. <input type="checkbox"/> PROPERLY MAINTAINED <input type="checkbox"/> IMPROPERLY MAINTAINED <input type="checkbox"/> COULD NOT BE PRODUCED		
SECTION III - SHORE FACILITY DATA				
1. NAME AND ADDRESS OF COMPANY Lemont Shipbuilding P.O. Box 159 Lemont, Illinois 60439		2. TYPE OF FACILITY Shipbuilding & Dry Dock		
		3. TYPE OF REFUSE No. 6 fuel oil		
SECTION IV - POLLUTION DATA				
1. PLACE OF POLLUTION (Local name or geographical coordinates) Lemont Shipbuilding in dry dock slip		2. TIME 1400	3. <input checked="" type="checkbox"/> EQUIPMENT FAILURE <input type="checkbox"/> PERSONNEL FAILURE	
4. OPERATING PERSONNEL INVOLVED George Smith	5. DUTY Hannah Inland Fleet Maintenance Superintendent	6. MARINERS LICENSE NUMBER (If any) JA	7. SIGNED STATEMENT ATTACHED Yes	
8. EMERGENCY MEASURES TAKEN TO REDUCE FIRE HAZARD No fire hazard existed.				9. POLLUTANT 6 oil
SECTION V - POLLUTION SAMPLES (Include this information on label of sample)				
1. SOURCES A. On port side fore & aft B.		2. TIME A. 1430 B.	3. DATES A. 3/14/75 B.	
4. NAME OF PERSON(S) TAKING SAMPLES LTJ Kenneth J. KOLAR, USCG		5. WITNESS(ES) TO TAKING SAMPLES CMI Robert KOWOLCHUK, USCG		
PERSON REPORTING POLLUTION Bill Wilson Lemont Shipbuilding		WITNESS CMI Robert KOWOLCHUK, USCG		SIGNED STATEMENT ATTACHED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
INVESTIGATING OFFICER (Typed name) LTJ Kenneth J. KOLAR, USCG		SIGNATURE (Investigating Officer)		
FIRST ENDORSEMENT (1) Sample retained for custody unless otherwise directed. (2) Ref: COTF CHICAGO MSG 191338Z MAR 75. (3) Photos obtained are enclosed. (4) Copy				
DATE to ASD.		SIGNATURE (Unit Commanding Officer) MARC WELLIVER II, Captain, U. S. Coast Guard		
SECOND ENDORSEMENT				
DATE		SIGNATURE (District Commander)		

HEMONT SHIPBUILDING

H-2901/032

HEMONT, ILL.

3/14/75 1400

1314/75 1415

OIL

APPROX 50-75 GALS

GEORGE SMITH

6020 E Lake Dr #1A

Fleet Maintenance Supt

312-257-5456

On March 14, 1975 at approx 11:00 AM as barge Hannon 2901 was being dry docked water from flooded wing compartments was draining out ruptures in bottom and sides of the vessel. As water drained out a small amount of oil drained out with the water. This oil was residue ~~from~~ which was impossible to clean out when tanks were flooded.

Oil was contained in LSRs drydock slip which had been previously vacuumed off in anticipation of this problem. A vacuum truck from Browning Ferris started clean up at 2:10 PM and will continue until cleanup is completed.

~~The residue~~

This drydocking ~~and~~ is a result of this vessels casualty at Milwaukee, Wisc on Feb 23, 1975.

R. L. Kowalschuk
SSN 361-30-4260

George H. Smith
3-14-75

0000003

POLLUTION INVESTIGATION
Case No. 6D019/75

SYNOPSIS: On 19 March 1975, at 1700 about 50 gallons of heavy oil was seen in the Calumet River by the bridge tender, Mr. Howard Williams at the 92nd Street Bridge, who then reported it to the Calumet Harbor Coast Guard Station. An investigation was conducted.

SUSPECTED VIOLATOR: J. M. Corbett Company
2500 S. Corbett Ave.
Chicago, Illinois 60608
Tele: 225-5280

COMPANY REPRESENTATIVE: Fred Kogler
c/o J. M. Corbett Company

CLEANUP CONDUCTED BY: J. M. Corbett Company

PERSON REPORTING POLLUTION: Howard Williams
92nd St. Bridge Tender

WITNESSES: Charles Meyers, MSD Inspector

A. KRAAK, EMI, U. S. Coast Guard

FINDINGS OF FACT

1. At 1700 on 19 March 1975, I received a call from Coast Guard Station Calumet Harbor who reported that oil was spotted on the Calumet River at the 92nd Street Bridge. I was dispatched at 1715.
2. I arrived at the 92nd Street Bridge and met with Mr. Howard Williams, the bridge tender. He told me that he spotted the oil coming under the bridge about 1700. The patches of oil stretched out about 30 feet long and about four feet wide, and were placed throughout the turning basin both in the middle of the channel and along the north bank of the river. I took pictures and samples. No source was found.
3. At 0800 on 20 March 1975, EMI KRAAK and I were dispatched. We arrived at the 92nd Street Bridge at 0845. There we saw a sheen on the north side of the turning basin and a small concentration of oil with straw on the south side.
4. We then went to the E.J. & E. Railroad Bridge. There we found an oil sheen with straw in the water on the north side of the river. On the south side of the river and on the east side of the E.J. & E. Railroad Bridge, was a pocket of oil and straw. This pocket stretched out to the 92nd Street Bridge along the south bank of the river.
5. At about 0900 we met with Mr. Kogler, the Superintendent for the J. M. Corbett Company. He told us that when they raised a sunken barge on the day before, at about 1340, some oil leaked out of the barge and got away from them.

6. A similar incident occurred on 6 November 1974 when the barge sank, case number 6D177/74.

7. J. M. Corbett Company personnel cleaned up the spill using straw and some absorbent pads.

THOMAS W. ALWELL
DC3, USCG

ADJUNCTIVE FINDINGS OF FACT

1. No notification of the discharge was given to the United States Government by the person in charge, Mr. Kogler. The initial notification was made by a bridge tender at 1700 on 19 March 1975. The source of the discharge was not determined until the following day when the J. M. Corbett Company was observed conducting a cleanup.

2. No statement has been received from Mr. Kogler and two attempts to contact him by telephone have been unsuccessful.

GERALD D. JENKINS
ENS, USCGR

DEPARTMENT OF
TRANSPORTATION
U. S. COAST GUARD
CG-3639 (Rev. 9-72)

WATER POLLUTION (Check applicable violation(s))

- ☐ OIL POLLUTION ACT OF 1961 (Discharge of oil by vessels within prohibited zones of the high seas.)
- ☐ OIL POLLUTION ACT OF 1924 (Discharge of oil by vessels into navigable waters of the United States.)
- ☒ **The Federal Water Pollution Control Act, Amendment of 1972**
- ☐ THE REFUSE ACT OF 1899 (Discharge of refuse by vessel or shore facility into any navigable waters of the United States.)

REPORTING UNIT

Captain of the Port, Chicago, Illinois

CG DISTRICT

Nine

DATE OF VIOLATION

19 March 1975

SECTION I - VESSEL DATA Case No. 6D019/75

1. NAME OF VESSEL		2. OFFICIAL NUMBER	3. NATIONALITY
4. TYPE OF VESSEL <input type="checkbox"/> DRY CARGO <input type="checkbox"/> TANKER <input type="checkbox"/> TANK BARGE <input type="checkbox"/> OTHER (Specify)		5. GROSS TONS	6. INTERNATIONAL CALL
7. OWNERS (Name and address)		8. LOCAL AGENT (Name and address)	
9. MASTER a. NAME AND ADDRESS (If available)		10. CHIEF ENGINEER a. NAME AND ADDRESS (If available)	
b. LICENSE NO.		b. LICENSE NO.	

SECTION II - OIL RECORD BOOK DATA

1. REQUESTED RECORD BOOK FROM <input type="checkbox"/> MASTER <input type="checkbox"/> CHIEF ENGINEER	2. <input type="checkbox"/> PROPERLY MAINTAINED <input type="checkbox"/> IMPROPERLY MAINTAINED <input type="checkbox"/> COULD NOT BE PRODUCED
--	--

SECTION III - SHORE FACILITY DATA

1. NAME AND ADDRESS OF COMPANY J. M. Corbett Company 2500 South Corbett St. Chicago, Illinois 60608	2. TYPE OF FACILITY General Contractor
3. TYPE OF REFUSE Waste Oil	

SECTION IV - POLLUTION DATA

1. PLACE OF POLLUTION (Local name or geographical coordinates) Mile 332.8 Calumet River	2. TIME 1700	3. <input checked="" type="checkbox"/> EQUIPMENT FAILURE <input type="checkbox"/> PERSONNEL FAILURE
4. OPERATING PERSONNEL INVOLVED F. Kogler	5. DUTY Superintendent	6. MARINER'S LICENSE NUMBER (If any) None
		7. SIGNED STATEMENT ATTACHED Requested
8. EMERGENCY MEASURES TAKEN TO REDUCE FIRE HAZARD No fire hazard existed.		9. POLLUTANT Waste Oil

SECTION V - POLLUTION SAMPLES (Include this information on label of sample)

1. SOURCES A. From oil in water north side turning basin. B. From water next to oil.	2. TIME A. 1820 B. 1825	3. DATES A. 3/19/75 B. 3/19/75
4. NAME OF PERSON(S) TAKING SAMPLES Thomas W. ALWELL, USCG	5. WITNESSES TO TAKING SAMPLES Howard Williams	
PERSON REPORTING POLLUTION Howard Williams (Bridge Tender)	WITNESS BM1 A. KRAAK, USCG	SIGNED STATEMENT ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
INVESTIGATING OFFICER (Typed name) DC3 Thomas W. ALWELL, USCG	SIGNATURE (Investigating Officer)	

FIRST ENDORSEMENT (1) Samples retained for custody unless otherwise directed.
(2) Copy to MSD. (3) Ref: COTP CHICAGO MSG 251412Z MAR 75.

DATE 31 MAR 1975 SIGNATURE (Unit Commanding Officer)
MARC WELLSIVER II, Captain, U. S. Coast Guard

SECOND ENDORSEMENT

DATE SIGNATURE (District Commander)

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN
SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation,
organized and existing under and by virtue of the laws of
the State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	75-65
NOTICE	1
HEARING	1
DATE	3-31-75

Hannah Inland Waterways - Barge #2001 at Allied Oil Dock
3301 California

hereinafter called the "COMPANY":

Sanitary Sewer - Name of Treatment Plant _____
X Waterway - Name of Waterway C.S.S.C.

WHEREAS, it has been alleged that the COMPANY has been and/or is presently in violation of
the pollution laws contained in the Sewage and Waste Control Ordinance;

WHEREAS, parties agree to conciliate; NOW, THEREFORE, it is agreed as follows:

FIRST: the COMPANY will be in compliance with the Sewage and Waste Control Ordinance by
3-31-75. SECOND: the COMPANY will attain compliance by performing the following:

Company states that a crack from a previous weld opened up on #3 hold
of Barge #2001 just before the barge reached the dock on 1/8/75.
Measures were immediately taken to contain the oil and pump out the barge
from #3 hold to stop the leak.

Company states that the barge has been repaired by another weld.

Company states that Barge #2001 was built around 1945 and that it has
gone on dry dock at least every five years. Company states that this
barge will go on drydock some time this summer, at which time the
metal will be tested by the Coast Guard and the American Bureau of
Shipping for thickness and any necessary repairs, ~~and any necessary~~
~~repairs~~ will be made.

Company states that #2001 has a limited lake line ^{Cer} ~~cert~~ificate which ~~made~~
allows it to go between Chicago and Gary, Indiana.

Company states this barge is presently in compliance.

 Apply for MSD permit at least fifteen (15) days prior to start of construction.
THIRD: the COMPANY will undertake the following immediate interim measures:

FOURTH: That if the water quality standards or effluent criteria are changed in the future,
the COMPANY will comply with such standards and criteria.

J. Dale
Hearing Officer (s)

J. Dale - PCO I

Ben Pecoraro
Company Representative (s)

Ben Pecoraro - Sec'y Treas. 00067

I W C FIELD OPERATION - ~~SECRET~~ INVESTIGATIONSubject of Investigation:Date of Investigation: May 9, 1975

Hannah Inland Waterways, Inc.
Rt. 83 & Rt. 171
Lemont, Ill.

Originated by: Main Office ☐
Trt. Plant ☐ Clean Streams ☐
Other ☐ Local Authority ☐

Type of Complaint:

Waterway ☐ Sewer ☐ Other ☐

Person Date Time

Surveillance		

Supervisor Assigned:

F. Kelly

Water Samplers:Sample ☐Photographs ☐Additional Information Attached ☐

INVESTIGATION:

The subject company was visited while on routine surveillance in the Lemont area. Much equipment used for sandblasting and spray painting operations was observed. Upon talking to a Mr. Lou Gregovich, who said he was the chief storekeeper, it was discovered that it is "normal operation" to sandblast, spray with red lead primer, and spray paint the barges while they are in the Chicago Sanitary & ship Canal. These operations were not being carried out while the writer was present, but all this equipment was ready for immediate use. The compressors for the blasting and spraying operations were running, the primer and paint cans were open and the spraying hoses were in the cans.

One of the barges present in the canal was almost completely painted the "Hannah Blue" color, while one end of the barge had been freshly sandblasted. The black, gritty sand was all over the deck of the barge, and had accumulated to a thickness of about 2" on the bank for the full length of the barge. It's presence in the canal could not be detected because the material sinks immediately, but from the huge amount present on the bank and the employee's statement regarding sandblasting of barges while in the canal, it can be safely deduced that a large amount of the sandblasting material is in the canal.

The writer advised the employees to cease the operations, but from the past history of this company their co-operation cannot be taken for granted. The company will be kept under a more strict surveillance and photos and possibly samples will be taken.

cc: J. Tobias

Approved: N. Venuso

N. Venuso

F. Kelly
F. Kelly

00068

Subject of Investigation:Date of Investigation:Oil in Sanitary Ship Canal
@ Hannah Inland Waterways Inc.

October 9, 1976

Originated by:Main Office ☐Trt. Plant ☐Clean Streams ☐Other ☐Local Authority ☐Type of Complaint:Waterway ☒Sewer ☐Other ☐PersonDateTime

PC #2 Boat

10/9/76

2:00pm

Supervisor Assigned:Water Samplers:

Allen Giedraitis PCC-II

Sample ☐Photographs ☐Additional Information Attached ☐INVESTIGATION:

October 9, 1976 - 2:20pm:

The writer was contacted at home on this date by the Systems Dispatcher and notified that the crew of the PC #2 Boat had sighted a heavy concentration of oil in the canal in the vicinity of the Hannah Inland Waterways Facility. The PC Boat was unable to stop and investigate this matter further because they were involved with other important matters.

The writer arrived at the site and inspected the company's canal bank area. Some oil was noted in the water, primarily a rainbow, with the greatest accumulation between one barge and the bank no greater than a gallon. A prime source for the oil could not be determined at this time which was felt to be a fuel oil of about #2 grade. A Mr. Dino Taltre of the company confronted the writer and he was questioned he reported that the oil had come from upstream. The company's shore facilities were inspected in addition to the barge maintenance area. No source could be determined. Mr. Taltre indicated that he had the capability to vacuum sweep a portion of their dock area in the event that they do have a spill and indicated that often when oil appears from upstream, he employs his personnel to clean up sure to avoid any problems with the regulatory agencies. The writer asked if he would see to the clean-up of the remaining product, and he agreed.

The writer terminated his inspection at the Hannah site but continued to make several other inspections further downstream where it was determined that the oil had broken up considerably and only minor rainbows remained on a spotty basis. The inspection was terminated.

Approved:

A. Giedraitis PCC-II

Allen Giedraitis PCC-II

00069

INDUSTRIAL WASTE CONTROL

CASE DISPOSITION

Date October 19, 1976Company Oil in Sanitary Ship Canal @ Hannah Inland Waterways Inc.

Location _____

Violation # _____

Compliance Date _____

☐ Sanitary Sewer☒ Waterway Sanitary Ship Canal☐ Manhole☐ Other _____

FIELD INFORMATION

ENFORCEMENT DISPOSITION

☒ Inspection AG - 10/9/76☐ In Compliance☐ Sampling _____☐ In Violation☐ None Required _____☐ Sanitary SewerHandled By: A. Giedraitis

TYPE OF SAMPLING:

☐ Waterway☐ Grab

☐ Composite _____ hrs.☐ Other☐ Automatic

☐ Trailer Sampling

RECOMMENDED FOR:

TYPE OF STUDY:

☐ Show Cause☐ Initial Study☐ Court☒ Special Investigation (4631)☒ Surveillance☐ Surveillance Sampling☐ Resample _____ Days☐ Surcharge Sampling☐ Grabs☐ Compliance Sampling☐ Composite - Auto☐ Conciliation☐ Formal Study☐ Show Cause☒ No Further Action Necessary☐ Court

PARAMETERS:

SECTION:

☐ All ☐ _____☐ North☐ pH ☐ _____☒ Central☐ Hexane ☐ _____☐ South☐ Tr. Mtls. ☐ _____☐ Auto Samplers

By: _____

☐ Surcharge

Date: _____

☐ Waterway ☐ P.T.P.

REMARKS:

Oil in canal reported by PG 12 Boat
 source undetermined upon inspection by the
 water.

00070

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Date of Investigation:

Hannah Inland Waterways

November 5, 1976

Route 171 and 83

Lemont

Originated by:

Main Office ☐

Trt. Plant ☐

Clean Streams ☐

Other ☒

Local Authority ☐

Type of Complaint:

Waterway ☒

Sewer ☐

Other ☐

C.S. & S.C.

Supervisor Assigned:

Person

Date

Time

James Dencek

11/5/76

1410

Water Samplers:

Roy Kaufmann, P.C.O.I

Sample ☐

Photographs ☒

Additional Information Attached ☒

INVESTIGATION:

HELICOPTER SURVEILLANCE FOLLOW-UP

Light Oil Film From Barges at Subject to

Route 83 Bridge Over C.S. & S.C., South Bank

The writer contacted subject's George Smith, who delegated Ed Gans, Foreman, to accompany the writer to barge location. (Indicated in poor quality Polaroid Photo #6).

The 6 foot (average) rainbow band extending from upstream end of barges to Route 83 bridge was not visible from the ground, possibly because of wind/wave activity.

A diminished blue slick was visible between meeting ends of two barges (Photo #6) along with rainbow slick patches and globules of oil in the canal between the bank and barges being worked on at subject in vicinity of fixed piping along bank, canal water pump, and boiler room.

- Continued -

00071

Subj: Hannah Inland Waterways


Nov. 5, 1976

The discharge from a vacuum pump which uses a small quantity of canal water for seal/cooling purposes was observed to contain blue slick patches as it trickled over the bank into the canal. Mr. Gans had vacuum pump canal water flow stopped (operations completed for the day), placed oil absorbant in trickle discharge and agreed to pickup oil located between barges and bank with absorbant.

Subject pumps canal water into a common manifold for (1) boiler feed, (2) barge wash water, and (3) vacuum pump seal/cool:

1. Canal water is pumped to open, rectangular tank storage (designated Station #11) in boiler house for use in boiler. Water treatment chemicals are injected in feed line from storage tank to boiler. Boiler blow down is returned to canal through floor drain under boiler (designated Station #2).
2. Barge wash water is pumped from canal to wash water storage tankage for heating in preparation for internal barge washing with high pressure nozzels.
3. A minimal flow rate of canal water is used in sealing and cooling components of vacuum pump which is used in spent barge wash water removal system.

Private Treatment Plant surveillance at subject will be expanded to include barge cleaning activity and canal condition between bank and barges.



Roy Kaufmann, P.C.O.I

RK:vb

Approved: _____
Nicholas Venuso, P.C.O.III

cc: J. Tobias

- 00072

METROPOLITAN SANITARY DISTRICT

Private Treatment Plant Inspection

Name HAWAII INLAND WATERWAYS Date of Inspection 11/8/76
Address PTE 93+171 Plant Operator on Duty _____
Town HEMONT Not Present ☐ SUNDY 30's

PLANT CONDITION:

~~Primary~~ STA#11 CS+SC INTAKE AT OPEN RECTANGULAR
STORAGE TANK BEHIND BOILER. WATER WAS CLOUDY
WITH SLIGHT SEDIMENT. 11:15 AM.

~~Secondary~~ STA#2 BOILER ROOM DISCHARGE AT CANAL BANK
ABOUT 5 FT. DOWN. SAMPLE WAS CLOUDY WITH
SLIGHT SEDIMENT. 11:45 AM

~~Tertiary~~ _____

OIL CLEANUP: ED GANS, THE FOREMAN, PUT AN ABSORBENT PLASTIC
FIBER INTO CANAL BETWEEN CANAL WALL & BARGE WHICH ON
~~Chlorination~~ SOAKS UP OIL. HE THEN INSTRUCTED TWO
SUBORDINATES TO DO LIKEWISE UNTIL THEY HAD ALL THE
OIL CLEANED UP.

Effluent Appearance: STA#1 PTP CL₂ CONTACT MANHOLE. SAMPLE
SEMI-CLEAR 11:00 AM

Receiving Stream: _____

Samples Obtained: STA#1 1 GAL, 1 qt. BOD#4518 1 BACT BOD#76-307 / STA#2 1 GAL.

Photos Taken: 1 qt. & 1 TRACE MET BOD#4519 / STA#11 1 GAL, 1 qt. BOD#4520

Inspection Made By: John M. May WS

METROPOLITAN SANITARY DISTRICT

Private Treatment Plant Inspection

Name HADDAM INLAND WATERWAYS Date of Inspection 11/9/76
Address RTE 83 & 171 Plant Operator on Duty _____
Town LEMONT Not Present ☐ SUNNY, LOW 50'S

PLANT CONDITION:

~~Primary~~ OIL CLEANUP; CONTACTED FOREMAN EDGERS, WHO
SUPERVISED CLEANUP, A SLIGHT RAINBOW REMAINED
BUT EMPLOYEES OF THE COMPANY WERE RECTIFYING
~~Secondary~~ THIS SITUATION) AT THE TIME I WAS
PRESENT.

Tertiary _____

Chlorination _____

PP CL₂ CONTACT MANUALE

Effluent Appearance: STA #1 ^ SAMPLE TAKEN WAS CLEAR 11:55 AM.

Receiving Stream: _____

Samples Obtained: STA #1: 1 GAL. 180Z. R&D #4551, 1 EACT R&D #76-3215

Photos Taken: _____

Inspection Made By: John M. O'Neil W.S.

00071

METROPOLITAN SANITARY DISTRICT

Private Treatment Plant Inspection

Name HANNAH INLAND WTWY. Date of Inspection 11-22-26
 Address RT 83 & RT 171 Plant Operator on Duty DINO FABBRE
 Town LENOWT Not Present ☐ CLOUDY 30'S

PLANT CONDITION:

Primary RAINBOW OIL SLICK IN MIDDLE OF
CANAL, NONE OBSERVED NEAR BANK OF
PROPERTY

Secondary _____

 Tertiary _____

Chlorination STA 1 11:00AM CHLORINE CONTACT
MANHOLE CLEAR, GOLD TINT

Effluent Appearance: STA 2 11:20AM BOILER ROOM , PIPE
DISCHARGE TO CANAL (ADJACENT TO PUMP HOUSE) SEMI CLEAR

Receiving Stream: STA 1 11:10AM { CS & SC, intake Rjk.
CIRCULATING PUMP, PIPE DISCHARGE
TO CANAL (ADJACENT TO BOILER ROOM) SEMI-CLEAR

Samples Obtained: STA 1 9AL LAB # 4915 BACT # 76-3414
 Photos Taken: STA 2 9AL LAB # 4916 BACT # 76-3415
STA 1 9AL QT LAB # 4917 BACT # 76-3416

Inspection Made By: A. P. W. S.

METROPOLITAN SANITARY DISTRICT

Private Treatment Plant Inspection

Name HANNAH INLAND WATERWAYS Date of Inspection 1-12-77
Address RT 83 + RT 171 Plant Operator on Duty _____
Town LEMONT Not Present ☒ CLEAR 0°-10°

PLANT CONDITION:

Primary RAINBOW SLICK ALONG BANK
BETWEEN BARGES + BANK, ALSO 2' FT
OUT INTO CANAL

Secondary _____

Tertiary _____

Chlorination _____

Effluent Appearance: STA 1 12:45 PM CHLORINE CONTACT MANHOLE
CLEAR SLT. SED

Receiving Stream: STA P 12:50 AM CS+SC OPPOSITE PUMP
HOUSE BETWEEN BARGE + BANK - TRACE OIL

Samples Obtained: STA 1 94L QT LAB# 6966 BACT# 77-0137

Photos Taken: STA P QT LAB# 6967

Inspection Made By: J. DEWINE J.W.S.

METROPOLITAN SANITARY DISTRICT

Private Treatment Plant Inspection

Name Hannah Inland W.W. Date of Inspection 2-4-77

Address Pt. 83 + 171 Plant Operator on Duty _____

Town Lemont Not Present ☒ snowing low 20's

PLANT CONDITION:

~~Primary~~ Sta "P" oil between bank & barge

Secondary _____

Tertiary _____

Chlorination 16⁴⁶ Sta "P" No sample, due to
hydrocarbon conditions along bank of
CS + SC

Effluent Appearance: 16⁴⁶ Sta #1 Chlorine contact man-
hole Clear, light green tint

Receiving Stream: _____

Samples Obtained: Sta #1. 1 gal. 1 lacte

Photos Taken: # 7714 # 77-0375

Inspection Made By: R. H. Hays S.W.S.

T. DE VINE 000375

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Hannah Barge #2002
Rt. 171 & 83, Lemont, IL
Site of spill-4100 S. Laramie

Date of Investigation:

June 2, 1978

Originated by:Trt. Plant ☐Other ☒Main Office ☐Clean Streams ☐Local Authority ☐Type of Complaint:Waterway ☒Sewer ☐Other ☐PersonDateTime

June 2, 1978 10:30 A.M.

Supervisor Assigned:

Nicholas A. Venuso

Water Samplers:


N/A

Sample ☐Photographs ☐Additional Information Attached ☐

INVESTIGATION: While on routine patrol the PC-II boat observed some activity at the Stickney Terminal 4100 S. Laramie, Stickney, IL. It looked as if company personnel were in the process of cleaning up on the subject barge.

The writer arrived on the scene at 11:05 AM this date and met with Mr. Bradshaw of the U.S. Coast Guard. Mr. Bradshaw said the tankerman Mr. William Jackson had the steam on one of the lines when black oil started emanating from a valve. Mr. Bradshaw called this to the attention of Mr. Jackson who immediately shut down the line. In interim some 3 to 5 gallons of #6 oil was spilled on the barge with a portion of the oil finding it's way to the Chgo, Sanitary Ship Canal.

The tankerman initiated clean-up operations immediately with the aid of oil snare and mops. When the writer had arrived at the scene the oil had been removed. All that remained was a slight rainbow(Visible Oil) which the writer was unable to sample since it was out into the center of the waterway. However the company should be cited for visible oil to the waterway by the enforcement department IWC. The inspection was terminated with the writer satisfied that all clean-up measures was undertaken properly.


Nicholas A. Venuso PCO III

00078



METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

100 EAST ERIE ST. CHICAGO, ILLINOIS 60611 751-5600

JOANNE H. ALTER
JEROME A. COSENTINO
DELORIS M. FOSTER
WILLIAM A. JASKULA
NELLIE L. JONES
JAMES C. KIRIE
CHESTER P. MAJEWSKI
NICHOLAS J. MELAS
RICHARD J. TROY

IN THE NAME OF
THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
COOK COUNTY, ILLINOIS

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO) COMPLAINT NO. 78-250
vs.)
HANNAH INLAND WATERWAYS) WATERWAY
CORPORATION)

NOTICE OF VIOLATION

TO: Mr. Ben Pecararo, Sec.-Treas.
Box 189
Lemont, Illinois 60439

Facility:
Barge 2002
Stickney Terminal
4100 S. Laramie
Cicero, Ill.

cc: Dino Fabbre

Investigation has revealed that you are in violation of Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable State Statutes pertaining to pollution. Your violation consists of:

discharging visible oil into the Chicago Sanitary and Ship Canal on 6/2/78.

You or your authorized representative, are requested to appear at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on August 1, 1978 at 11:00 a.m. to conciliate on the subject matter, and to submit, at that time, a plan and schedule for abatement of such pollution. Direct phone inquiries should be made to Jerome Tobias at 751-5697.

YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH PENALTY AND LEGAL ACTION AS PROVIDED BY LAW.

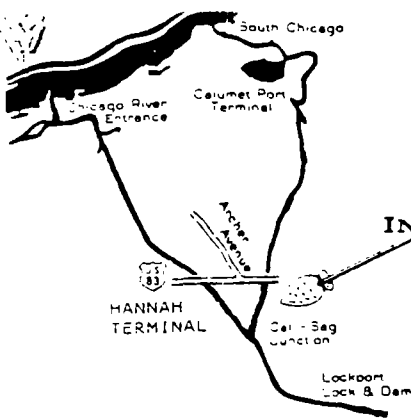
Jerome Tobias

Jerome Tobias
Chief Enforcement Officer

Witness July 12, 1978
The Metropolitan Sanitary District
of Greater Chicago
Bart T. Lynam, General Superintendent

By *C. Lue-Hing*
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00079



HANNAH

INLAND WATERWAYS CORPORATION

*Great Lakes Barge Transportation, Chemical & Petroleum Bulk Storage
and Barge Cleaning*

P. O. BOX 189 • LEMONT ILLINOIS 60439 • (312) 242-3210

July 17, 1978

Mr. Jerome Tobias
Chief Enforcement Officer
Metropolitan Sanitary District
100 East Erie Street
Chicago, Illinois 60611

Re: Barge 2002 - Stickney Terminal
4100 S. Laramie, Cicero, Ill.
June 2, 1978

Dear Mr. Tobias:

As per our telephone conversation of July 17, 1978 this letter will confirm that an on the spot clean-up of the 2 - 3 gallon spill referred to above was accomplished the day of the spill. The clean-up was performed by our tankerman and two people from the Stickney yard. On rare occasions during our operations we experience a minor spill of this nature and are equipped to handle such a spill on the spot. Of course, we attempt to minimize this type of occurrence and in most cases are successful.

Please be advised that Mr. Pecoraro is no longer with us and future correspondence should be directed to Carl F. Lambert, Manager of Safety & Compliance. If you have further questions on the above matter, please feel free to call me at (312) 242-3210.

Very truly yours,

HANNAH INLAND WATERWAYS CORPORATION

Carl F. Lambert

CARL F. LAMBERT,
Manager - Safety & Compliance

CFL/gl

00080

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

INDUSTRIAL WASTE CONTROL SECTION

SPECIAL INVESTIGATIONS - #4631 - Complaint # 220

Date 5-12-79 Time 1720
Saturday

COMPLAINANT:

Name: SW Whitebloom Agency: MSDGC

Address: Boat Tour Phone: _____

Date-Time of Incident 5-12-79 1400

TYPE OF COMPLAINT: Sewer ☐ Waterway ☒ Other _____

Location: Hannah Inland Waterway
Rt 83 & 171 Lemont

Type of Pollution: Yellow portable pump with
submerged hose discharge
near blue & white painted fuel tanks.

INITIAL CONTACT: Main Office _____ Dispatcher _____

I.W.C. _____ Other _____

RECEIVED IN FIELD BY: J. Bonck

DISPATCHED TO: Name R Kaufmann Title PCO 2

Date 5-12-79 Time 1720

PRELIMINARY REPORT: POLLUTION CONTROL OFFICER R Kaufmann

1830: Contacted Bob Frank, private security officer for
Hannah... who stated that a diver was working near blue & white
fuel tanks from 0900-1530; believes diver's air compressor
painted yellow.

Bob Clark, Hannah Dispatcher, stated that marine diver &
surveyor checking CS&C rock face because tow hit
same earlier this week.

Signature: Roy Kaufmann Date 5-12-79

00081

INDUSTRIAL WASTE CONTROL

CASE DISPOSITION

Date 5-14-79Company #4631-220 Submerged discharge at blue & white fuel tanksLocation Hannah Inland Waterways, Rt 83 & 171, Lemont.

Violation # _____ Compliance Date _____

☐ Sanitary Sewer☐ Waterway☐ Manhole☐ Other _____

FIELD INFORMATION

☒ Inspection 5-12-79☐ Sampling _____☐ _____Handled By: R. Kaufmann

TYPE OF SAMPLING:

☐ Grab☐ Composite _____ hrs.☐ Automatic☐ Trailer Sampling

TYPE OF STUDY:

☐ Initial Study220 ☒ Special Investigation (4631)☐ Surveillance Sampling☐ Surcharge Sampling☐ Compliance Sampling☐ Conciliation☐ Show Cause☐ Court

SECTION:

☐ North☐ Auto Samplers☒ Central☐ Surcharge☐ South☐ Waterway☐ P.T.P.

REMARKS:

ENFORCEMENT DISPOSITION

☐ In Compliance☐ In Violation☐ Sanitary Sewer

☐ Waterway

☐ Other

RECOMMENDED FOR:

☐ Show Cause☐ Court☐ Surveillance☐ Resample _____ Days☐ Type _____☒ No Further Action Necessary☐ Follow - Up

PARAMETERS:

☐ All☐ Cyanide☐ pH☐ B.O.D.☐ F.O.G.☐ Bacti☐ Trace Metals() _____By: James TobiasDate: 5/29/79

00087

No. 111258

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL(See Reverse)
SENT TO
HANNAH INLAND

WATERWAYS CORP.

STREET AND NO.

P.O. Box 189

P.O. STATE AND ZIP CODE

Lemont, IL 60439

POSTAGE \$

CERTIFIED FEE

SPECIAL DELIVERY

RESTRICTED DELIVERY

OPTIONAL SERVICES

CONSULT POSTMASTER FOR FEES

SHOW TO WHOM AND DATE DELIVERED

SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY

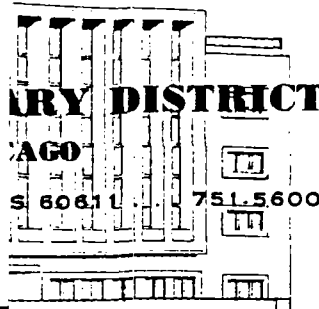
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY

SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY

TOTAL POSTAGE AND FEES \$

POSTMARK OR DATE

PS Form 3800, Apr. 1976



BOARD OF COMMISSIONERS

JOANNE H. ALTER
THOMAS S. FULLER
EDWARD W. GJERTSEN
WILLIAM A. JASKULA
NELLIE L. JONES
JAMES C. KIRIE
CHESTER P. MAJEWSKI
NICHOLAS J. MELAS
RICHARD J. TROY

IN THE NAME OF
THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
COOK COUNTY, ILLINOIS

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)
Vs.)

COMPLAINT NO. 79-534

HANNAH INLAND WATERWAYS CORP.)
)

WATERWAY

NOTICE OF VIOLATION

TO:
Mr. David E. Updegraff, Mgr. Resource Planning
P.O. Box 139
Lemont, Illinois 60439

FACILITY:
Rt. 111 & Rt. 83
Lemont, Illinois

Investigation has revealed that you are in violation of Appendix A of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago and the applicable State Statutes pertaining to pollution. Your violation consists of: discharging an effluent with excessive concentrations of high fecal coliform (32,000 per 100 ml-grab-2:00 pm on 8/3/79 and 3900 per 100 ml-grab on 9/10/79) into the Chicago Sanitary Ship Canal.

You or your authorized representative, are requested to appear at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on Sept. 27, 1979 at 2:00 pm to conciliate on the subject matter, and to submit, at that time, a plan and schedule for abatement of such pollution. Direct phone inquiries should be made to Jerome Tobias at 751-5697.

YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH PENALTY AND LEGAL ACTION AS PROVIDED BY LAW.

Jerome Tobias
Jerome Tobias
Chief Enforcement Officer

Witness Sept. 17, 1979
The Metropolitan Sanitary District
of Greater Chicago
Hugh H. McMillan, General Superintendent
By *C. Lue-Hing*
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00083

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation, organized and existing under and by virtue of the laws of the State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	<u>79-534</u>
NOTICE#	<u>1</u>
HEARING	<u>1</u>
DATE	<u>9/27/79</u>

HANNAH INLAND WATERWAYS CORP. - Lemont

hereinafter called the "COMPANY":

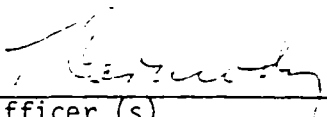
MSD Treatment Plant	<u>Private T.P.</u>	MSD Waterway	<u>Cal-Sag Channel</u>
Alleged Violations	<u>fecal coliform</u>		

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Company states it will inspect its private treatment plant for proper operation, especially the chlorination equipment. Company will have its monthly lab service also analyze for fecal coliform.


Company will be in compliance by 10/25/79.

COMPLIANCE DATE: 10/25/79



Hearing Officer (s)

T. Carmody



Company Representative (s)

C. F. Lambert - Mgr. of Safety &
Compliance

00084

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

INDUSTRIAL WASTE CONTROL SECTION

SPECIAL INVESTIGATIONS - #4631 - Complaint # 548

Date 11/25/79 Time 11:00 P

COMPLAINANT:

Name: Officer Lee Brannam Agency: Willow Springs Police Dept.

Address: 8480 Archer Willow Springs Phone: 839-2721

Date-Time of Incident 11/25/79 now

TYPE OF COMPLAINT: Sewer ☐ Waterway ☐ Other Tank Truck Dumping

Location: 20 feet south of Desplaines River - 600 ft. East of Willow Springs Road.

Type of Pollution: Chemical dumped with strong odor

INITIAL CONTACT: Main Office _____ Dispatcher X

I.W.C. _____ Other Dispatcher called Mr. Dencek at his residence.

RECEIVED IN FIELD BY: J. Dencek at his residence

DISPATCHED TO: Name J. Corcoran Title PCO II

Date 11-25-79 Time 11:06 P.M.

PRELIMINARY REPORT: POLLUTION CONTROL OFFICER J. Corcoran called police to meet them at 8500 S. Willow Springs Road to proceed to the site for details of the nature of the complaint. Officer Brannam pointed out the chemical that was dumped located about 20 feet South of the bank of the Desplaines River and about 600 feet East of Willow Springs Road. The chemical was brown with a very strong odor. Quantity of chemical is about 15 to 20 gallons. It did not enter a waterway at this time but was dumped between the Desplaines River and the Main Channel. A grab sample was obtained at this time. (11:45 P.M.)

- continued -

Signature: _____ Date _____

00000

4631-548
Chemical Dumped
Willow Springs, Illinois

- 2 -

Officer Brannam explained that Officer James Kubik was sent to make an investigation when strong odors were detected from Willow Springs Road which is about 600 feet from where the chemical was dumped. Officer Kubik returned to the Police Station when he became sick from the odors. Officer Brannam went to the site and found a Tank Truck moving slowly without lights. He took the license #24528. The driver explained that his truck had stalled and an employee from Ashland Chemical had to pull his truck to get it started and that he was going to pick up a load from the Barge at Ashland Chemical Co. Dock on the Main Channel which was presently being unloaded. When the truck left, an employee advised Officer Brannam that the truck was from Hannah Waterways Industries in Lemont, Illinois.

12:15 A.M. Called Mr. Whitebloom and informed him of investigation findings. He directed that the sample be delivered to Mr. Don Harper at the M.S.D. Main Laboratory in the morning and analyzed for nature of the chemical. He advised to have the police arrest the driver for violation of State Statute Chapter 42, Section 326.

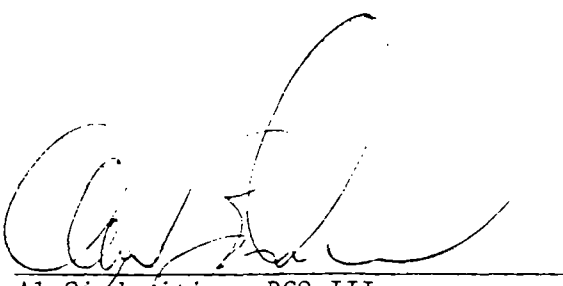
Officer Brannam stated that he did not see the driver dump and he was unable to get the truck registration on the leads machine.

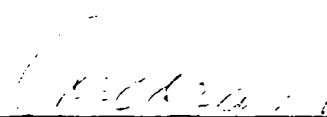
12:40 A.M. Officers Brannam and Kubik left the Police Station to go to Hannah Waterways Co. in an effort to locate the truck. They advised that any information they get will be reported to me tomorrow.

Willow Springs Police Station Complaint #16783.

12:45 A.M. Called M.S.D. Systems Dispatcher and informed him that I had called Mr. Whitebloom and informed him of this preliminary investigation. Investigation will terminate at this time with a scheduled follow-up in the morning.

Reviewed by


Al Giedraitis - PCO III


J. Corcoran - PCO II (Badge 111)

JC:k

00086

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Hannah Inland Waterways
Rts. 171 & 83
Lemont, Illinois

Date of Investigation:

November 26, 1979

Originated by:

Trt. Plant ☐
Other ☐

Main Office ☐
Clean Streams ☐
Local Authority ☒

Type of Complaint:

Waterway ☐ Sewer ☐ Other ☐

Chemical dumped on Bank of Desplaines River

Supervisor Assigned:

R. Sustich, PCO I
J. Corcoran, PCO II

Person

J. Dencek

Date

11/25/79

Time

11:06 P

Sample ☒

Photographs ☐

Additional Information Attached ☐

INVESTIGATION: 4631-548 Follow-up investigation of chemical dumped.

The one quart sample that was obtained of chemical that was dumped along the gravel road that is parallel with the Desplaines River that was obtained on the night of November 25, 1979, was delivered to Don Harper at the M.S.D. Main Laboratory today. He was advised to call Mr. Whitebloom to determine specific analysis to be performed.

Went to Ashland Chemical Co., 8500 S. Willow Springs Road, Willow Springs, Illinois. Contacted Mr. Arnold Tankerman who advised that he was unloading a barge of Toluene and Xylene to Ashland Chemical Co. facilities when he helped the driver of the Hannah Inland Waterways start his stalled truck due to a dead battery. He did not see the driver dump the Chemical. He stated that the driver was going to the Hannah Barge that was finished unloading and remove any remaining product. Mr. Arnonld advised that he did not call for the tank truck, as far as he knows the personnel on the Hannah Barge called.

The area where the chemical was dumped was checked in the presence of Mr. Arnold who opened the locked steel bar gate to the gravel road along the Desplaines River which is ingress and egress to Ashland Chemical Company barge dock facility. The dumped chemical was dispersed in puddles of water caused by the heavy rain. A careful check of the area determined that the chemical did not enter the waterways.

The gate has an M.S.D. lock and one from Ashland Chemical Co. The Company opens this gate for access to their Dock Facility and therefore should assume responsibility for scavengers that may enter and dump in this desolate area. This is M.S.D. property that has several piles of debris and discarded household appliances.

- continued -

00087

ADDRESS OF COMPANY: Kingery Rd. at Archer Ave., Lemont, Illinois 60439

DATE OF INSPECTION: 8/27/81 FID #: 362 60 8994

COMPANY REPRESENTATIVE CONTACTED: Deno V. Fabbre

INFORMATION OBTAINED

1. Description of pretreatment system: Barge cleaning - oil separation
2. Types of sludge and process residues generated for disposal, including strippers and cleaners (specify constituents):
Waste oils and waste caustic water from barge cleaning operations.
3. Volume of sludge and process residues generated (per day, per week, etc.): Approx. 25,000 gals. caustic waste water/mo.
Oil 40,000 gal. 3 to 4 mos.
4. Frequency of removal: Caustic - daily Oil - bi-weekly
5. Method of removal (specify drums, tank truck, etc.): Tank trucks (both)
6. Volume of sludge stored on Company's premises (specify type of container -- drums, tank, etc.): Oil tank - 60,000 gal. tank -
6 to 10,000 gal. on hand Caustic water - 1,000,000 gal. tank - 300,000 gal. on hand
7. Location of sludge storage: In yard (see sketch)
8. Name of sludge hauler: Pierce Oil (waste oil) Chemical Waste Mgt. (water) CID
9. Sludge disposal site: Pierce - Springfield
10. Does Company have an adequate supply of Manifest forms? Yes X No
11. General remarks: two former lagoons cleaned up - has sump pits to catch
remaining ground wastes.

Reviewed by: Roy Kautman

D. Swets
Inspection PCO I, D. Swets

00089

8/27/81

Avenue

there are three sump pits in the east area with oil absorption pads floating in them. Two are in the field and one is in the center depression of the ridge near the canal, where the boom is located. The west area has one 40 inch sump pit with three drainage pipes coming into it. This pit was dry, even though there was a pool of water (maybe rain water being held there by the clay), approximately 20 feet by 10 feet in area, with frogs jumping in it, located about 50 feet southeast of the sump pit.

Both east and west areas are heavily overgrown with weeds and also marijuana plants are growing in the west area.

22 samples were taken at the sump pits and at the I & M Canal. The north bank of the I & M Canal should be observed periodically for evidence of any future leaching activity.

Reviewed: Roy Kaufmann

DS/dms

D. Swets
D. Swets, PCO I

00090

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation, organized and existing under and by virtue of the laws of the State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	82-107
NOTICE#	1
HEARING	1
DATE	3/22/82

Hannah Marine Corp., Kingery Rd. at Archer Ave., Lemont, Ill. 60439
FID: 362608994

hereinafter called the "COMPANY":

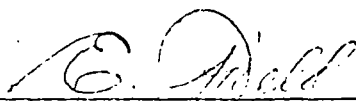
MSD Treatment Plant	Calumet	MSD Waterway
Alleged Violations	Art. IV Sec. 3 -	Sludge Reporting

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

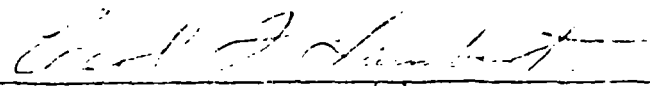
Co. was unaware that the waste oils required manifesting as they had a market value and were being sold rather than disposed. Co. agrees to manifest these materials.

Co. estimates they generate 60,000 gal. of oil every 4 months. This oil is removed every 3 months. This is picked up by Pierce Oil and taken to their plant in Springfield, Ill. for use as fuel. Co. states they are in compliance with the District ordinance.

COMPLIANCE DATE: 3/22/82



Hearing Officer (s)
E. Field



Company Representative (s)
Carl Lambert, Mgr.-Safety & Compliance
Deno Fabbre, Mgr.-Shipyard Operator

00091

H. McMillan
General Superintendent

RESEARCH AND DEVELOPMENT DEPARTMENT
INDUSTRIAL WASTE DIVISION

82-07

WATERWAY SPILL REPORT

DATE 8/18/82 TIME 12:01 a.m.

REPORTED BY U. S. Coast Guard

NAME OF WATERWAY Chicago Sanitary & Ship Canal

LOCATION Mile 301.2 near Petrochem

NAME OF MSD COORDINATOR Dennis Swets, PCO I

NAME OF SUSPECTED VIOLATOR Hannah Marine

NATURE OF MATERIAL SPILLED (Raw sewage, oil, etc.)

#6 oil

DURATION OF SPILL Ongoing - midnight to 2:00 p.m.

DESCRIPTION (Cause Estimated Volume, length & width of slick, etc.)

300 - 400 gals. in Petrochem slip from crack in Hannah Marine

barge during transfer from upstream barge to downstream barge.

~~XXX ACTION TAKEN~~ Barges were boomed off; leaking barge being pumped down; oil in slip being cleaned up.

CONCLUSION MSD confirmed cleanup action; will monitor until finished.

IWC REVISED 7-77
WLM/JT/TFC/jgb

Prepared by: T. Carmody *J.D.*

00092 *WFM*

Date: 8/18/82 Time: 0830

COMPLAINANT:Name: Mr. Schring Agency: U. S. Coast GuardAddress: _____ Phone: 353-1226Date-Time of Incident: 8/18/82 - 0015

TYPE OF COMPLAINT: Sewer _____ Waterway _____ Other _____

Location: Petro Chem Slip - Lemont

Type of Pollution: 300 to 400 gals. of #6 oil from crack in Hannah Barge #3102
entered slip when cargo was being transferred from another barge. Petro Chem cleaning
up same.

SOURCE: _____

INITIAL CONTACT: Main Office X Dispatcher _____

I.W.C. _____ Other _____

RECEIVED IN FIELD BY: A. GiedraitisDISPATCHED TO: Name R. Kaufmann Title PCO IIDate August 18, 1982 Time 0945

PRELIMINARY REPORT: POLLUTION CONTROL OFFICER Swets met with Larry Grandy of
Hannah, the Supv. of Cargo Handling. Barge loaded at Amoco Whiting yesterday. Brought
over for transfer to downriver barge. 1030 P.M. last night, noticed oil in water. Coast
Guard notified. Booms placed immediately by Petro-Chem. Will finish transfer of oil in
1½ hrs. Clean-up will be done by 3 P.M. Coast Guard (Boltersdorf) will stay till all
cleaned up, then release Hannah. No samples taken for following reasons: all
spilled oil contained in Petro-Chem booms and being pumped by Petro-Chem;
Coast Guard was remaining on site until cleanup was completed.

Signature:  Date 8/18/82
D. Swets, PCO I

Roy Kaufmann

00003

Raymond L. Lendue / me
General Superintendent

RESEARCH AND DEVELOPMENT DEPARTMENT
INDUSTRIAL WASTE DIVISION

83-07

WATERWAY SPILL REPORT

DATE 9/26/83 TIME 11:10 AM

REPORTED BY Al Gill - Union 76 Oil Co. - Romeoville - 257-7761

NAME OF WATERWAY Chicago Sanitary and Ship Canal

LOCATION Loading Dock - Romeoville

NAME OF MSD COORDINATOR Roy Kaufmann - PCO II

NAME OF SUSPECTED VIOLATOR Hannah Barge

NATURE OF MATERIAL SPILLED (Raw sewage, oil, etc.)

No. 6 Oil

DURATION OF SPILL Temporarily Stopped after 2 hours

DESCRIPTION (Cause Estimated Volume, length & width of slick, etc.)

9/26/83 at 10:30 AM - Hannah Barge was loading oil onto one of their barges when it was discovered that there was a leak in the barge. Loading was stopped immediately and a boom was set in place to contain the oil. Approximately 300 gallons were lost and Hannah is ACTION TAKEN returning the remaining oil to Union 76. The spill has been contained within the boom and sorbant pads are being used to pick up the oil. Hannah is conducting the clean-up with their employees.

CONCLUSION U. S. Coast Guard is on site. MSDGC to monitor clean-up.

December 12, 1983

An estimated twenty (20) gallons of oil was leaked into the water, 100% of which was contained as described, and 99% plus was cleaned and recovered. Dock and barge were also cleaned on the scene to prevent any subsequent pollution concern.

Barge 3102 was then delivered in an "MT" condition to the Hannah Shipyard for damage survey and repairs.

Survey indicated that the steel sideshell on the port side aft had suffered one (1) or more small fractures which were the source of the oil leakage.

U.S.C.G. was notified of the incident, as were responsible persons of/for W.Q.I.S. The former was appraised of the nature and extent of damage, and verified permanent repairs accordingly.

In that the first lift was undertaken without incident, it must be assumed that at some point during the movement of the Barge 3102 (on its second lift) that the damage occurred.

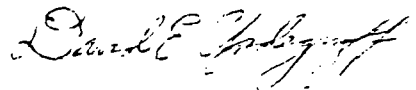
In that the tow vessel(s) involved in this movement were not our own (crews), it became difficult to gain further information or establish the time or cause. It is likely that while navigating with the barge, it was fractured on the rocks of the channel wall causing the oil to leak.

If you still wish to personally see me, I would appreciate a date other than December 16th for appearance at a conciliation meeting.

Thank you for your consideration.

Very truly yours,

HANNAH MARINE CORPORATION



DAVID E. UPDEGRAFF,
Executive Vice-President

DEU/gl

00095

INDUSTRIAL WASTE DIVISION
SPECIAL INVESTIGATION

Program # 4670 Project # 81-714-1U Complaint # 402

Date 9-26-83 Time 1110

COMPLAINANT:

Name: Mr. Al Gill, Environmental Agency: Union 76 Chicago Refinery
Address: Engineer Phone: 257-7761
Date/Time of Incident: Now

TYPE OF COMPLAINT: Sewer Waterway x Other
Location: Loading dock along CSSC at Union 76, Romeoville

Type of Pollution: Reduced crude oil spill, volume uncertain, created by
Hannah barge. Spill is boomed and vacuum truck is apparently on scene to
clean up same.

SOURCE:

INITIAL CONTACT: Main Office Dispatcher
I.W.D. L. Kollias Other

RECEIVED IN FIELD BY: A. Giedraitis

DISPATCHED TO: Name R. Kaufmann Title PCO II
Date Sept. 26, 1983 Time 1139

PRELIMINARY REPORT: Pollution Control Officer Roy Kaufmann, 9-26-83

10 hrs: Checked CS&SC at 135th St. Bridge - no oil visible.

15 hrs: Union 76 Oil Refinery Administrative Offices; met Al Gill, En-
vironmental Foreman.

20 hrs: Arrived at Union 76 marine facility. Hannah Marine Barge H3102
located at Loading Spot #1 was in the process of returning re-
duced crude oil to Union 76 marine facility. Hannah Marine Tanker-
man, Van Ward, stated that barge H3102 began loading reduced crude
oil at 0300 hrs. At about 0730 hrs. he observed an estimated
55 gallons of floating reduced crude oil in the canal between the
bank and barge port cargo tank #5. V. Ward notified his office of
leaking product. Hannah Marine personnel were dispatched to
Union 76 marine facility with oil absorbant sausages to contain the
spilled black oil.

Writer observed a Hannah Marine vacuum truck (IL 1983 license plate
number: Date

00096

same and address on file of the undersigned
article.
to left portion
of
MELAS
BENT

Cecil Lue-Hing
Director
Research & Development



BOARD OF COMMISSIONERS
JOANNE H. ALTER
THOMAS S. FULLER
NELLIE L. JONES
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LOUIS S. VIVERITO
DENNIS F. VOSS

NOTICE OF VIOLATION

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)
vs.)
HANNAN MARINE CORPORATION)
)

VIOLATION NO. 83-391
WATERWAY

TO: Mr. Donald C. Hannah, Pres.
361 Frontage Rd., Suite 101
Burr Ridge, Illinois 60521

Location:
Union 76 Oil Co.
Marine Facility
135th & New Ave.
Romeoville, Illinois

Investigation has revealed that you have violated Appendix A of the Sewage and Waste Control Ordinance of The Metropolitan Sanitary District of Greater Chicago and the applicable Illinois law pertaining to pollution. Your violation consists of: discharging visible oil (9/26/83 from barge H3102) into the Chicago Sanitary and Ship Canal.

An owner or an officer of the respondent, authorized to legally bind the respondent, is directed to appear at a conciliation meeting at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on December 16, 1983 at 10:00 am to discuss and attempt to resolve the violation and to submit, at that time, a plan and schedule for abatement of said pollution. Direct phone inquiries should be made to Jerome Tobias at 751-5697.

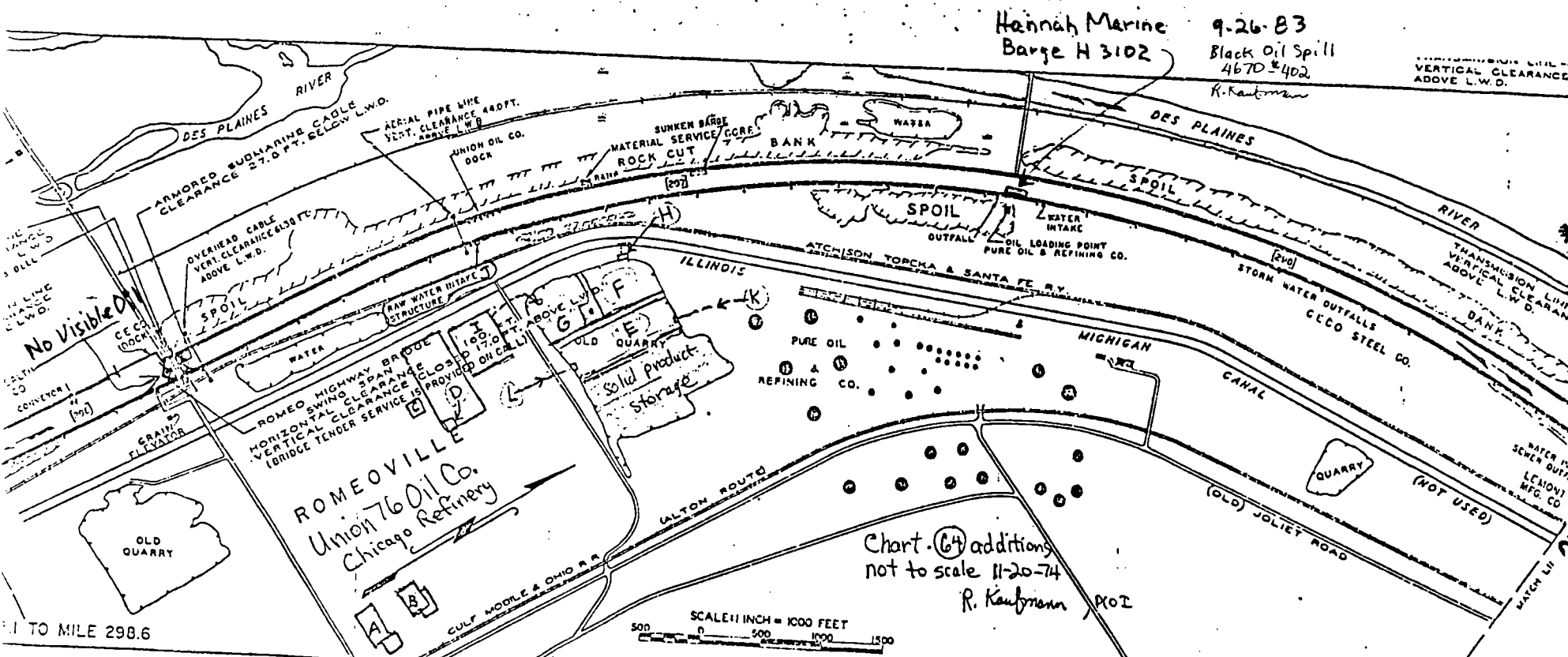
THESE PROCEEDINGS ARE TECHNICAL AND NON-ADVERSARY IN NATURE. ANYONE APPEARING PURSUANT HERETO MAY APPEAR WITH LEGAL AND/OR TECHNICAL COUNSEL. YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH LEGAL ACTION AND SANCTIONS AS ARE PROVIDED BY LAW.

Witnessed: December 1, 1983
The Metropolitan Sanitary District
of Greater Chicago
Raymond R. Rimkus, General Superintendent

PREPARED BY:
Jerome Tobias
Jerome Tobias
Chief Enforcement Officer
EMT/Rc

BY: *CLH/RL*
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00007



- A) Admin. Offices
- B) Laboratory
- C) Refinery Control Center
- D) Blast Site; Naptha Unifiner
- E) Wastewater Holding Basin
- F) Wastewater Holding Basin connected
- G) Treated wastewater (fire retention) basin with platform containing fire main & effluent pumps
- H) Wastewater Holding Basin (F) overflow structure to IEM Canal
- I) Wastewater Treatment Area
- J) C.S. & SC intake screens; emergency diesel
- K) North refinery wastewater return to "E"
- L) South refinery wastewater return to "E"

Chart (64) additions
not to scale 11-20-74
R. Kaufman, PROJ

Generator
TR 5
Non-Reg. listed - 9
Withdrawal Cond.

04380204

EPA **POTENTIAL HAZARDOUS WASTE SITE**
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION
01 STATE **IL** 02 SITE NUMBER **DO69496249**

II. SITE NAME AND LOCATION
01 SITE NAME (Legal, common, or descriptive name of site) **HANNAH MARINE CORP.**
02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER **KINGERY ROAD AT ARCHER AVE**
03 CITY **LEMONT**
04 STATE **IL** 05 ZIP CODE **60439** 06 COUNTY **DUPAGE** 07 COUNTY CODE **043** 08 CONG DIST **4**
09 COORDINATES LATITUDE **41° 41' 00" N** LONGITUDE **87° 56' 00" W** **SAG BRIDGE**
10 DIRECTIONS TO SITE (Starting from nearest public road)
**TAKE ARCHER AVENUE TO KINGERY ROAD
SITE IS LOCATED AT ARCHER AND KINGERY (ON CANAL)**

III. RESPONSIBLE PARTIES
01 OWNER (if known) **HANNAH MARINE** 02 STREET (Business, mailing, residential) **361 F. STREET RD**
03 CITY **BURR RIDGE** 04 STATE **IL** 05 ZIP CODE **60521** 06 TELEPHONE NUMBER **(312) 2423210**
07 OPERATOR (if known and different from owner) **HANNAH MARINE** 08 STREET (Business, mailing, residential) **KINGERY ROAD**
09 CITY **LEMONT** 10 STATE **IL** 11 ZIP CODE **60439** 12 TELEPHONE NUMBER **(312) 2423210**
13 TYPE OF OWNERSHIP (Check one):
☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL
☐ F. OTHER ☐ G. UNKNOWN
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply):
☒ A. RCRA 3001 DATE RECEIVED **4/19/82** ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103(c)) DATE RECEIVED **4/19/82** ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD
01 ON SITE INSPECTION **11 10 78** BY (Check all that apply):
☒ YES DATE **4 19 82** ☐ A. EPA ☐ B. EPA CONTRACTOR ☒ F. STATE ☐ D. OTHER CONTRACTOR
☐ NO ☐ E. LOCAL HEALTH OFFICIAL ☐ F. OTHER
CONTRACTOR NAME(S):
02 SITE STATUS (Check one):
☒ A. ACTIVE ☐ B. INACTIVE ☐ C. UNKNOWN 03 YEARS OF OPERATION
BEGINNING YEAR **1978** ENDING YEAR **1982** ☒ UNKNOWN
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED
**VOLATILE (SOLVENTS)
(BASES)**
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION
**ENVIRONMENT (SURFACE WATER) POTENTIAL RUNOFF OF
(SOIL) CONTAMINANTS TO CANAL
POTENTIAL FOR SOIL CONTAMINATION
FROM TWO ON SITE LPOCCUS**

V. PRIORITY ASSESSMENT
01 PRIORITY FOR INSPECTION (Check one: if high or medium is checked, complete Part 2: Waste Information and Part 3: Description of Hazardous Conditions and Incidents):
☐ A. HIGH (Inspection required promptly) ☒ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed: complete current disposition form)

VI. INFORMATION AVAILABLE FROM
01 CONTACT **JIM WIGGINS** 02 OF (Agency/Organization) **IEPA - MAYWOOD OFFICE** 03 TELEPHONE NUMBER **(312) 3459780**
04 PERSON RESPONSIBLE FOR ASSESSMENT **JIM WIGGINS** 05 AGENCY **IEPA** 06 ORGANIZATION **IEPA** 07 TELEPHONE NUMBER **(312) 3459780** 08 DATE **3 22 84**
MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

IL 1006177000

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

01 ☒ B SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED 1,000

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

HAWAIIAN MARINE HAS HAD TWO ON SITE LAGOONS
FOR RETAINING RINSEATE AND SLUDGE FROM ITS CLEANING
OPERATION - CAUSTIC RINSEWATER W/ ORGANIC CONTAMINANTS

01 ☐ C CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

01 ☐ D FIRE EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

01 ☐ E DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

01 ☒ F CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED 1
(ACRES)

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ☐ ALLEGED

POTENTIAL FOR SOIL CONTAMINATION FROM
PREVIOUS OPERATION OF TWO LAGOONS

01 ☐ G DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

01 ☐ H WORKER EXPOSURE INJURY
03 WORKERS POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

01 ☐ I POPULATION EXPOSURE INJURY
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)
04 NARRATIVE DESCRIPTION

☐ POTENTIAL ☐ ALLEGED

Division File
FROM: Jim Higgins

☒ Information

SUBJECT: Lapage County - 04380204 - Livestock/Hannah
Marine

☐ Response re

ILD06949624

Hannah Marine's primary function is the transportation of bulk liquid chemicals and petroleum products by barge. They also offer cleaning and repair services. Prior to 1979 wastes from the cleaning operations were accumulated in two on-site lagoons. A meeting in November of 1979 attended by personnel from IEPA, MSD and Hannah Marine was held to determine progress of cleanups of the lagoons and removal of sludge and contaminated soil. Dick Swartz of MSD confirmed that the lagoons were closed, and contaminated soils were removed per the November agreement. IEPA records do not include an analysis of the lagoons, however, Dick Swartz of MSD stated, approximately tests of the atmosphere above one of the lagoons indicated the presence of volatile organics yielding a reading in the explosive range. Hannah Marine continues to be regulated as a generator and MSD per under RCRA per EPA inspection conducted on 4-7-82. Because of the lack of available information concerning follow-up of the removal of the lagoons, it is that this facility be given a medium priority for an

1550000

00101

I. SITE NAME AND LOCATION				
01 SITE NAME (Legal, historical, or descriptive name of site) HANNAH MARINE CORP.		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER RT. 83 & 107TH ST.		
03 CITY LEMONY (UNINCORPORATE)	04 STATE IL.	05 ZIP CODE 60439	06 COUNTY COOK & Du PAGE	07 COUNTY CODE 043
08 COORDINATES LATITUDE 41° 42' 10.0" LONGITUDE 087° 56' 30.0"		10 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN		
III. INSPECTION INFORMATION				
01 DATE OF INSPECTION 5.8.85 MONTH DAY YEAR	02 SITE STATUS <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 1951 BEGINNING YEAR ENDING YEAR UNKNOWN		
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR E&E, INC. (FIT) <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <input type="checkbox"/> G. OTHER				
05 CHIEF INSPECTOR PAUL HESS		06 TITLE TEAM LEADER	07 ORGANIZATION E&E, INC.	08 TELEPHONE NO. (312) 663-9415
09 OTHER INSPECTORS ARLENE PRATE		10 TITLE SAMPLER	11 ORGANIZATION "	12 TELEPHONE NO. () "
DAVE CURNOCK		SAFETY	"	() "
LUIS MORALES		EQUIPMENT	"	() "
				()
				()
13 SITE REPRESENTATIVES INTERVIEWED GEORGE VORAVA		14 TITLE PLANT MGR.	15 ADDRESS HANNAH MARINE - LEMONT PLANT	16 TELEPHONE NO. (312) 242-3210
				()
				()
				()
				()
				()
				()
				()
17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT		18 TIME OF INSPECTION 9:10 AM		
		19 WEATHER CONDITIONS CLEAR, SUNNY, DRY (78°F)		
IV. INFORMATION AVAILABLE FROM				
01 CONTACT DON JOSIF		02 OF Agency/Organization REGION IV, OFFICE OF SUPERFUND		03 TELEPHONE 131218
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM PAUL HESS		05 AGENCY FIT	06 ORGANIZATION E&E, INC.	07 TELEPHONE NO. 663-9415
				08 DATE 2 MO



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

IDENTIFICATION
01 STATE IL 02 SITE 006

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) <input type="checkbox"/> A SOLID <input type="checkbox"/> B POWDER, FINES <input checked="" type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER (Specify) <input type="checkbox"/> E SLURRY <input checked="" type="checkbox"/> F LIQUID <input type="checkbox"/> G GAS	02 WASTE QUANTITY AT SITE (Measure of waste quantities must be independent) TONS 113,400 CUBIC YARDS NO OF DRUMS	03 WASTE CHARACTERISTICS (Check all that apply) <input checked="" type="checkbox"/> A TOXIC <input checked="" type="checkbox"/> B CORROSIVE <input type="checkbox"/> C RADIOACTIVE <input checked="" type="checkbox"/> D PERSISTENT <input type="checkbox"/> E SOLUBLE <input type="checkbox"/> F INFECTIOUS <input type="checkbox"/> G FLAMMABLE <input checked="" type="checkbox"/> H IGNITABLE <input checked="" type="checkbox"/> I HIGHLY <input type="checkbox"/> J EXPLOSIVE <input type="checkbox"/> K REACTIVE <input type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT AF
--	--	--

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	ONLY WASTE	37,800	TONS	BARGE CLEANING WASTE
SOL	SOLVENTS	37,800	"	" " "
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	37,800	"	" " "
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently used CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION
SOL	1,1,1-TRICHLOROETHANE	71-55-6	ON-SITE WASTE	444
SOL	TRICHLOROETHENE	79-01-6	" "	27
OLW	BENZENE	71-43-2	" "	1,220
SOL	4-METHYL-1,2-PENTANONE	108-10-1	" "	459
OLW	TOLUENE	108-88-3	" "	5,210
SOL	ETHYLBENZENE	100-41-4	" "	119
OCC	STYRENE	100-42-5	" "	136,000
OLW	PHENOL	108-95-2	" "	670
SOL	BENZYL ALCOHOL	100-51-6	" "	46
OLW	2-METHYLPHENOL	95-48-7	" "	206
OLW	4-METHYLPHENOL	106-44-5	" "	396
OLW	NAPHTHALENE	91-20-3	" "	127
SOL	PYRENE	129-00-0	" "	2,880
OLW	XYLENE		" "	258
OLW	2-METHYLNAPHTHALENE	91-57-6	" "	103
OLW	PHENANTHRENE	85-01-8	" "	25

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS	N/A		FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analysis reports)

FIT SAMPLE RESULTS AND ON-SITE INTERVIEW



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

IDENTIFICATION
01 STATE FL 02 SITE NUMBER 0069496248

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 19,878 02 ☒ OBSERVED (DATE 5-8-85) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

THIRTY FOUR (34) ORGANIC PRIORITY POLLUTANTS WERE FOUND IN THE ON-SITE GROUND WATER THAT WERE ALSO FOUND IN ON-SITE WASTE WATER RETAINED FOR DISPOSAL.

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 100 02 ☒ OBSERVED (DATE 5-8-85) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

FACILITY DISCHARGED WASTE WATER FROM CLEANING CHEMICAL BARGES DIRECTLY TO THE SHIP CANAL FROM 1951 THROUGH 1958.

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: N/A 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: N/A 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: N/A 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: 15 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☒ ALLEGED
(ACRES) 04 NARRATIVE DESCRIPTION

TWO (2) LARGE LAGOONS (UNLINED) WERE USED FOR RETENTION OF CLEANING WASTE FROM 1958 THROUGH 1979

01 ☒ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 19,878 02 ☐ OBSERVED (DATE:) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

RESIDENTIAL WELLS, INDUSTRIAL WELLS, AND COMMUNITY WELLS WITHIN 3-MILE RADIUS ARE LOCATED WITHIN AQUIFER OF CONCERN. THESE WELLS HAVE NOT BEEN ANALYZED.

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: N/A 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: N/A 02 ☐ OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL

N/A

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

N/A

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, Runoff, Standing Liquids, Leaking Drums)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☒ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

WASTE LAGOONS WERE UNLINED

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

N/A

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

N/A

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

N/A

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

NONE

EL TOTAL POPULATION POTENTIALLY AFFECTED: 19,878

IV. COMMENTS

CURRENT WASTE IS STORED IN TWO ABOVE ^{GROUND} STEEL TANKS, ONE 426,000 GAL. AND ONE - 108,000 GAL. WASTE IS TRUCKED TO CH. CO. IN EAST CHICAGO, INDIANA.

V. SOURCES OF INFORMATION (cite specific references e.g., State files, sample analysis reports)

IEPA AND USEPA FILES

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES	A ↓ NONE ↓ V			
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input type="checkbox"/> G. STATE (Specify)				
<input type="checkbox"/> H. LOCAL (Specify)				
<input type="checkbox"/> I. OTHER (Specify)				
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input checked="" type="checkbox"/> A. SURFACE IMPOUNDMENT	CLOSED		<input type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input checked="" type="checkbox"/> B. PILES	UNK		<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input type="checkbox"/> C. DRUMS, ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL/PHYSICAL	06 AREA OF SITE 97 (Acres)
<input checked="" type="checkbox"/> D. TANK, ABOVE GROUND	534,000	GALS.	<input type="checkbox"/> D. BIOLOGICAL	
<input type="checkbox"/> E. TANK, BELOW GROUND			<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F. LANDFILL			<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input checked="" type="checkbox"/> H. OTHER NONE (Specify)	
<input type="checkbox"/> I. OTHER (Specify)				

07 COMMENTS LAGOONS THAT CONTAINED WASTE WERE FILLED WITH SOIL IN 1979. EXCESS MATERIAL LEFT IN CHEMICAL BARGE IS NOW REMOVED TO SMALLER STORAGE TANKS BEFORE THE BARGE IS CLEANED. FACILITY CLEANS 90 TO 120 BARGES PER YEAR AND USES 9,000 TO 15,000 GALS OF WATER TO CLEAN EACH BARGE (STEAM CLEAN).

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)				
<input type="checkbox"/> A. ADEQUATE, SECURE	<input type="checkbox"/> B. MODERATE	<input type="checkbox"/> C. INADEQUATE, POOR	<input checked="" type="checkbox"/> D. INSECURE, UNSOUND, DANGEROUS	
02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC. THE LAGOONS WERE UNLINED AND FILLED IN 1979. THERE ARE TWO AREAS OF TANKS - ONE GROUP TO STORE EXCESS CHEMICALS AND THE OTHER FOR WASH WATER. THE DIKING AROUND TO WASTE WATER TANKS IS POOR AND THERE IS NONE AROUND CHEMICAL TANKS.				

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☒ YES ☐ NO
02 COMMENTS

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis reports)

ON-SITE INTERVIEW

INSTALLATION'S EPA I.D. NO.

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

III. LOCATION OF INSTALLATION

IV. INSTALLATION CONTACT

V. OWNERSHIP

VI. TYPE OF HAZARDOUS WASTE ACTIVITY

VII. MODE OF TRANSPORTATION

VIII. FIRST OR SUBSEQUENT NOTIFICATION

IX. DESCRIPTION OF HAZARDOUS WASTES

If you received a preprinted label, fill in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave items I, II and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

FOR OFFICIAL USE ONLY

COMMENTS									

INSTALLATION'S EPA I.D. NUMBER	APPROVED	DATE RECEIVED (yr., mo., & day)
ILD069496248	A	800818

I. NAME OF INSTALLATION

HANNAH MARINE CORPORATION

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX										
PO BOX 189										
CITY OR TOWN					ST.	ZIP CODE				
LEMONT					IL	60439				

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER										
KINGERY RD AT ARCHER AVE										
CITY OR TOWN					ST.	ZIP CODE				
LEMONT					IL	60439				

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)										PHONE NO. (area code & no.)									
LAMBERT CARL MGR SAFETY-COMPLC										312-242-3210									

V. OWNERSHIP

NAME OF INSTALLATION'S LEGAL OWNER									
SEE ATTACHED HANNAH MARINE CORPORATION									

B. TYPE OF OWNERSHIP (enter the appropriate letter into box)

F - FEDERAL	M - NON-FEDERAL
	M

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

<input checked="" type="checkbox"/> A. GENERATION	<input checked="" type="checkbox"/> B. TRANSPORTATION (complete item VII)
<input type="checkbox"/> C. TREAT/STORE/DISPOSE	<input type="checkbox"/> D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

<input type="checkbox"/> A. AIR	<input type="checkbox"/> B. RAIL	<input checked="" type="checkbox"/> C. HIGHWAY	<input type="checkbox"/> D. WATER	<input type="checkbox"/> E. OTHER (specify):
---------------------------------	----------------------------------	--	-----------------------------------	--

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

<input checked="" type="checkbox"/> A. FIRST NOTIFICATION	<input type="checkbox"/> B. SUBSEQUENT NOTIFICATION (complete item C)	C. INSTALLATION'S EPA I.D. NO.
		ILD069496248

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

ITEM #8:

Hannah Marine Corporation leases the property it occupies from the Metropolitan Sanitary District of Chicago on a ninety-nine year lease of which some seventy years remain. The facilities on the property in the meantime are for all purposes, the property of HANNAH MARINE CORPORATION.

ITEM #9:

E.I. Ignitable:

Hannah Marine Corporation is in the business of transporting petroleum and chemical products by barge. When cleaning a barge between loads, a diluted waste of the product previously transported is generated. Such products as gasoline, (regular and no-lead), #2 oil, #6 oil, jet aviation fuel, nonene, tetramer are carried, and therefore generated as waste.

E.2. In the same manner, caustic soda barges are cleaned at our Lemont facility and a diluted caustic solution is generated.

NOTE:

It should be noted that many of the substances recaptured from barges are used as fuel for our compressor or for resale as usable energy sources. We anticipate the installation of a water separator at our facility to recapture even more materials for use or resale.



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

M E M O R A N D U M

DATE: March 5, 1986

TO: File

FROM: Paul Hess *PAH*

SUBJECT: Illinois/R05-8393-01F/IL-0277

Lemont/Hannah Marine Corp.

IL 0069496248

The Region V, Office of Superfund, has tasked FIT to perform a Site Inspection and Hazard Ranking System (HRS) assessment of the above-referenced facility. This site was originally identified to USEPA when the Illinois Environmental Protection Agency (IEPA) submitted a Preliminary Assessment form in March of 1984.

The Hannah Marine facility is a river barge cleaning and repair yard with docks on the south side of the Chicago Sanitary and Ship Canal. This thirty-four (34) year old facility is located in an unincorporated area about three (3) miles east of Lemont, Illinois. The property is owned by the Metropolitan Sanitary District of Greater Chicago (MSD) and leased to the current operator.

The vessels that Hannah Marine cleans have a minimum product capacity of 330,000 gallons and some hold 500,000 gallons. These vessels must be cleaned between product shipments to prevent cross contamination of chemicals. The storage compartments of these vessels are first vacuumed to remove the remaining chemical product from the bottom of the vessel. The compartments are then steam-cleaned sometimes with a detergent to remove any chemical residue on the walls and floor. The

amount of liquid and/or sludge waste generated from this cleaning operation for a single barge varies from nine (9) to fifteen (15) thousand gallons. During the years 1951 through 1958, all of the chemical residue and wash water was discharged to the waters of the canal. This practice was stopped at the insistence of MSD. Then two (2) unlined waste water retention lagoons were placed into operation in late 1958. The practice of discharging the wash water waste to these retention lagoons continued until 1978 when MSD demanded that they be closed and filled. At this point, MSD constructed two (2) shallow groundwater sampling sumps, one on the east side of the site near the abandoned lagoons and the other one on the west side. These sumps were constructed with a twenty (20) foot long by four (4) foot diameter galvanized conduct pipe placed upright in a gravel bed, (see site photos).

Currently, the vacuumed bottoms are stored separately from the wash water waste. These chemical bottoms are stored in an above ground tank farm near the main building. The wash water waste is now stored in much larger above ground tank in an area near the abandoned lagoons. This second tank farm has two (2) tanks, one 426,000 gallon capacity and one 108,000 gallon capacity. The contents of these tanks are shipped to Chem Clean Company in East Chicago, Indiana two to three times a year.

During the interview portion of the site inspection, Mr. Votava, the plant manager, stated that they produce about one-million gallons of wash water waste each year. Mr. Votava clarified his statement by saying they clean between ninety (90) and one hundred twenty (120) barges each year, and each barge produces about nine (9) to fifteen (15) thousand gallons of wash water. Therefore, FIT concludes that twenty-seven (27) million gallons of waste was discharged at this site during the years 1951 through 1978. Also, he gave FIT a list of his most frequent customers. This list is attached to the Site Inspection Report, form 2070-13, "part 9 - Generator/Transporter information.

FIT conducted a sampling program during the on-site inspection that included three (3) groundwater points, three (3) surface water points, and the wash water waste. The wash water sample was collected to establish the site's waste characteristics. The three (3) groundwater samples were collected from the on-site, ninety (90) foot deep production well and from the two (2) on-site MSD sumps. The three (3) sediment samples were collected from the ship canal at various points along the working dock, (see sample location map attached).

The waste water sample results confirmed the presence of nineteen (19) organic priority pollutants at very high concentrations (see Sample Result Table I attached). Styrene was found at 136,000 micrograms per liter (ug/l). Therefore, the facility's waste stream is a hazardous waste. Fourteen of those compounds found in the wash water were found in the production well and groundwater sumps in smaller concentrations. Also, six (6) organic priority pollutants were found in the two down-gradient sediment sample in significantly higher concentration than in the up-gradient surface water sample. Therefore, it is concluded that both the surface and groundwater have been contaminated from the discharge of on-site hazardous waste.

78R:4W

00110

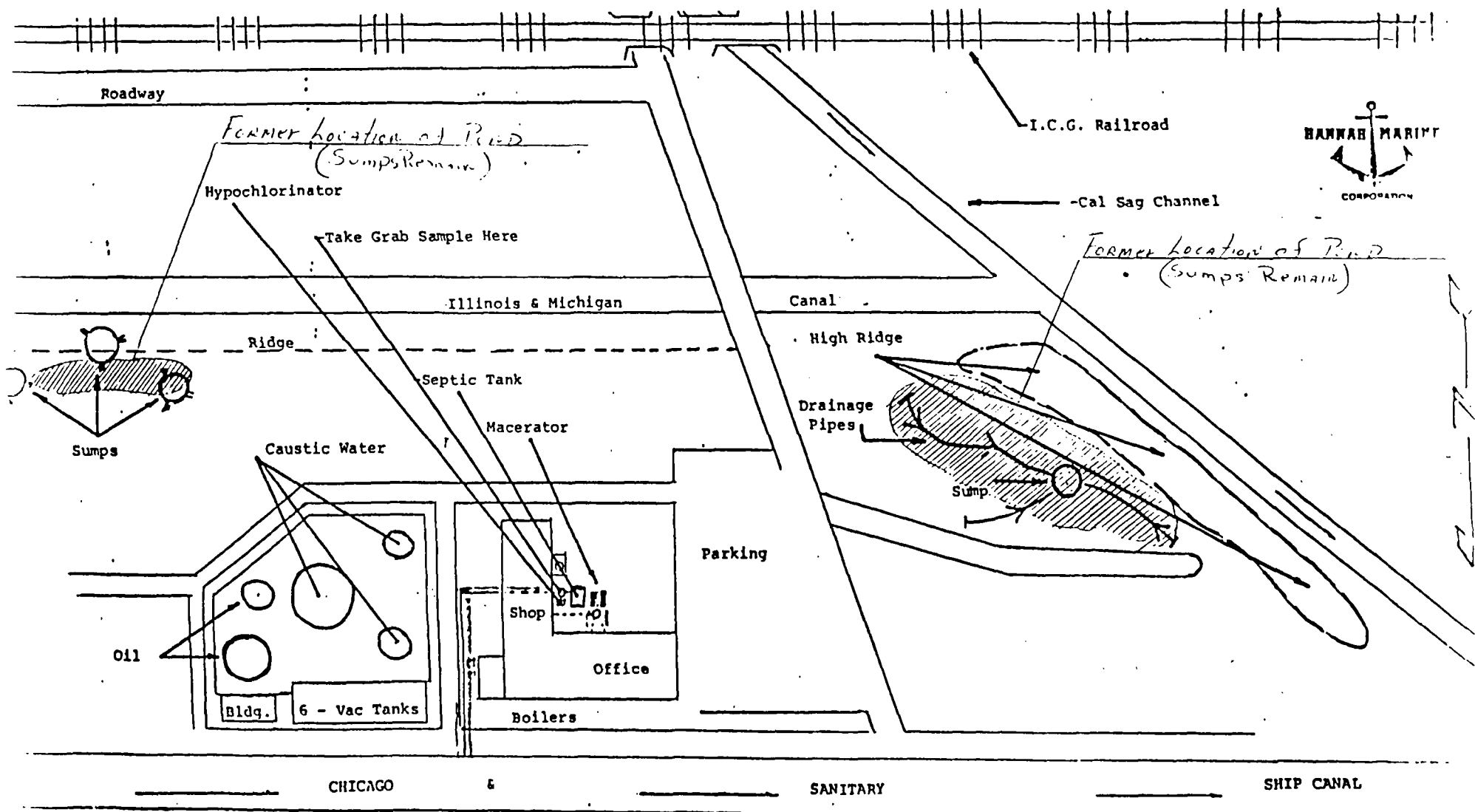
Interview Summaries

Rich Sustich
Al Gidreitas MSD
(312) 780-4135

- Two ponds and a small deep pit were used for disposal of contaminated barge cleaning water
- Disposed of about 100,000 gallons per year in the ponds
- Could see runoff from smaller pond to I&M Canal
- Private citizen observed the lagoons from the bridge on Route 83, noted runoff to the I&M Canal and reported incident
- Suspect there are 2-3 previous disposal layers below what was removed in 1979

Former employee at Hannah (1970-79)

- From 3-10 compartments per barge. 12,000 gallons of waste water generated per compartment
- Hannah cleaned their own barges and also did work for other barge lines
- Contents of Hannah barges included - fuels oils, asphalt, gasoline, NaOH, alkalids, and fertilizer solutions. Typical customers were oil recyclers
- Early MSD sampling was only for sanitary waste treatment sytsem
- Discharge to canal and to disposal lagoons occured pre-1970
- Hannah cleaned their own barges and cleaned for other barge lines. Less than 10% for outside companies 1974-75, increasing up to 65 or 70% after that.



COUNTY CLEAN STREAMS COMMITTEE
North Harlem Avenue
Ever Forest, Illinois 60303
CO 1-8400 FO 9-9420

AREA 700
Case # 7-137-79
Date: 10/27/79
Time: 10:00 a.m.

Name of Stream: Calumet Sag Channel

Assignment: Agency MSD Dept. I.W. Name Venuso

Nature of Violation: Industrial Waste Domestic Waste Encroachment Erosion
Debris Filling Dumping Other

Priority: Hot Line Urgent Continuous Intermittent Other
Floating Oil

(Facing Downstream)
Location: In the Stream Right Bank Left Bank Other

Nearest Municipality Lemont to the West Unincorporated Lemont Township

Address or Location Cal Sag Bridge on Route 83

Street Intersection or Bridge South side Cal Sag West side bridge

Identifying Landmarks

Additional Directions

Sketch Attached Will Accompany Phone

Source of Pollution Verified Suspected

Color Clear Muddy ** Brown Red Milky Other

Scum None *** Oil Foam Algae Other Chemicals in or on water very possible

Odor: None Slight Putrescent Nauseating Other

Solid Material: Trees Other 55 Gal. drums tipped over in area

Remarks: I was on my way to job, therefore, did not have time to examine what appeared to be floating oil on ponded water south of Cal Sag embankment. I might not have been able to get to site anyway. I was also involved in an accident. I flagged traffic to the south of bridge. Did not note from bridge 75 feet in air any connection to waterway, but Sag bridge quadrangle HA-149 flood hazard map shows unnamed small creek to the west between junction with Ship Canal and Cal Sag bridge draining to Cal Sag. Called local sewers on Monday and they reported to Industrial Waste.

Attach photos, news items, etc. when available

Observers Lyman Anfield

Phone

00115

Sincerely yours

THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO

INDUSTRIAL WASTE CONTROL SECTION

SPECIAL INVESTIGATIONS - #4631 - Complaint # 511

Date Oct. 29, 1979 Time 0815

COMPLAINANT:

Name: Lyman Anfield Agency: Clean Streams Committee

Address: _____ Phone: 532-4650

Date-Time of Incident on-going

TYPE OF COMPLAINT: Sewer ☐ Waterway ☒ Other _____

Location: Cal.-Sag. & Route 83

Type of Pollution: Oil under the bridge with 55 gallon drums on the bank.

INITIAL CONTACT: Main Office _____ Dispatcher _____

I.W.C. X Other _____

RECEIVED IN FIELD BY: N. Venuso - PCO III

DISPATCHED TO: Name J. Corcoran Title PCO II

Date October 29, 1979 Time 0825

PRELIMINARY REPORT: POLLUTION CONTROL OFFICER F. Clark and W. Hayes

responded. A large area of standing water was found which had a white deposit

on the bottom and a pH of 11+. (See photo #7) A tank truck was observed discharging

to an adjacent holding pond which was overflowing to this area (see photo #6).

The water was collecting in a low area and no discharge to the CSSC or the I&M

Canal was observed.

Deno Fabbre of Hannah Inland Waterways Corp. was contacted and the area

was inspected. The tank truck was found to be discharging clear water with a pH

of 11+. Mr. Fabbre said this was water from the oil separator used to recover

Signature: F. Clark Date November 5, 1979

F. Clark, PCO-I

00116

oil cleaned from oil barges. He had no explanation for the high pH levels.

No discharge was found to either the CSSC or the I&M Canal. However, samples were collected from the holding basin and submitted to the R & D Laboratory as waterway samples to determine the nature of the material. It was pointed out to Mr. Fabbre that if the material flowed to a waterway it would be a violation of the MSD Ordinance. He said he would build a dike around the area to prevent this.

R. Sustich of the North Central Section conducted a followup investigation after heavy rains.

J. Chacaran
LHC

7, clat

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Hannah Inland Waterways
Rte's 171 & 83
Lemont, Illinois

Date of Investigation:

November 2, 5-9, 1979

Mr. Deno Fabbre, Yard Supt. Phone: 242-3210

Originated by:

☐ Main Office
☐ Trt. Plant
☐ Other

☐ Clean Streams
☐ Local Authority

Type of Complaint:

☒ Waterway ☐ Sewer ☐ Other

Illinois & Michigan Canal

Supervisor Assigned:

Sustich, O'Brien, Hubbard

Person

Date

Time

4631- #511

Follow-up

Water Samplers:

Sample ☐

Photographs ☐

Additional Information Attached ☒

INVESTIGATION:

This report concerns a follow-up investigation of 4631-#511 concerning possible sludge or waste dumping at the subject company.

Investigation on October 29, 1979, by F. Clark, PCO I, and W. Hayes, PCO I, resulted in the observation of company personnel applying alkaline waste waters to one of several ponds at the north end of the facility. No discharges to either the Chicago Sanitary and Ship Canal or the Illinois and Michigan Canal were observed at the time.

November 2, 1979

The writer, accompanied by D. Hubbard, PCO I, visited the facility to survey the accumulations of waste waters.

Investigators at this time observed two accumulations of waste at the north end of the facility. These were a shallow pool of highly alkaline water (pH=11+) containing approximately 2,000 to 5,000 gallons and a deeper, diked-in pool containing 300 to 500 cubic yards of very viscous, dark brown, organic sludge. This material in the second pond had extremely strong odors of styrene, toluene, and xylene, and subsequent tests of the head space above solid samples in closed containers revealed a 20% LEL.

At the south end of the facility, investigators noted a much larger pool of varying depths on the order of 50,000 to 100,000 gallons. This pool also exhibited a high pH condition, strong odors of styrene, toluene, and xylene, a 10% LEL, and what appeared to be a visible, polymerized plastic sludge lining the pond.

- continued -

00118

November 6, 1979

The writer, accompanied by D. Hubbard, PCO I, surveyed the facility with Jack Barnett, Illinois Environmental Protection Agency. Mr. Barnett confirmed the need for complete removal of material from the site.

November 7, 1979

The writer, accompanied by T. O'Brien, PCO I, met Officers F. McLean, G. Burgey, J. Finnern, and S. Dormady of the United States Coast Guard.

Although all parties agreed that the problem had not reached a navigable waterway, the USCG initiated action to facilitate the issuance of an IEPA waste hauling permit necessary to conduct clean-up.

The company on this date selected Browning-Ferris Industries of Lemont, Illinois to conduct clean-up.

November 8, 1979

T. O'Brien and the writer met with G. Zurowski, Sales Engineer of Browning-Ferris Industries and Mr. Fabbre regarding clean-up operations.

Investigators on this date noted the installation of a sump, located between the ponds and the I & M Canal, to intercept the leachate. The accumulated water in the sump was alkaline and showed the same brown oil as the leachate site. Mr. Fabbre indicated that several more sumps would be installed to intercept the leachate flow as soon as possible.

The sumped waste, as well as the surface accumulations, will be removed to the Browning-Ferris Industries' ~~Benton~~ Harbor facility in Waukegan, Illinois.
WATERBURY

A total of 12 samples were obtained during this investigation. All samples were delivered to the R & D Lab at the West-Southwest Plant for analysis. Included with this report are four photographs of the northern ponding area.

A significant anomaly observed during this investigation is the presence of brown oil at both the leachate site and the sump while the pooled liquids appeared relatively oil free. This, along with the higher elevation of the pooled liquids, suggests the possibility that the visible oil may have a subsurface origin and that the recent surface actions have facilitated its release. Although information concerning the previous landfill operation is extremely sketchy, it appears that the volume of material buried between 1965 and 1970 may far exceed the present surface accumulation. It is recommended that, concurrent with clean-up operations, an investigation into subsurface accumulations be conducted as part of a complete estimate of the impact of these landfill operations.

- cont. -

90119

Hannah Inland Waterways
Rte's 171 & 83
Lemont, Illinois

Page 2
November 2, 5-9, 1979

At several locations near the north pools, investigators also found large areas of alkaline residue from previous ponds.

Inspection of the Illinois and Michigan Canal revealed a band of leachate approximately 20 to 30 feet in length and roughly corresponding to the eastern most edge of the larger north sludge pond. This point is 100 to 120 feet from the pond. The leachate at this point consisted of alkaline waters carrying a brown oil with aromatic odors similar to the ponds. Samples of the leachate were obtained at this time.

Investigators contacted Mr. Deno Fabbre, Yard Supertindent, to initiate clean-up operations and to develop a method to intercept the leachate.

Mr. Fabbre indicated that he was aware of the accumulated wastes and had contracted earth-moving equipment to bury the ponds. The company was not yet aware of the leachate entering the Illinois and Michigan Canal. Mr. Fabbre also stated that the company had maintained a similar landfill at the northern site and that between 1965 and 1970 the entire site had been buried with clay and stone. Mr. Fabbre assumed that the present landfill operation was almost directly above the previous one. Mr. Fabbre stated that he was unaware of the necessity for obtaining permits for landfill operations.

The company was requested to deploy a boom at the leachate site and to maintain this boom to prevent further discharge to the waterway. The company was also requested to immediately abandon plans to bury the remaining wastes as it appeared that complete removal was necessary to prevent deterioration of the leachate condition.

November 5, 1979

The writer, accompanied by J. Tomaras, PCO III, A Giedraitis, PCO III, and D. Hubbard, PCO I, returned to the facility.

Investigators on this date found that the leachate of oil had increased considerably, but that the boom was effective in retaining the oil for clean-up.

After a complete survey of the facility, the conclusion was again reached that the only effective method of eliminating the problems would be the complete removal of the pooled liquids and the underlying contaminated soil.

Mr. Fabbre was informed of this conclusion and, in light of the history of this site, concurred. The company contacted several waste disposal firms regarding clean-up operations.

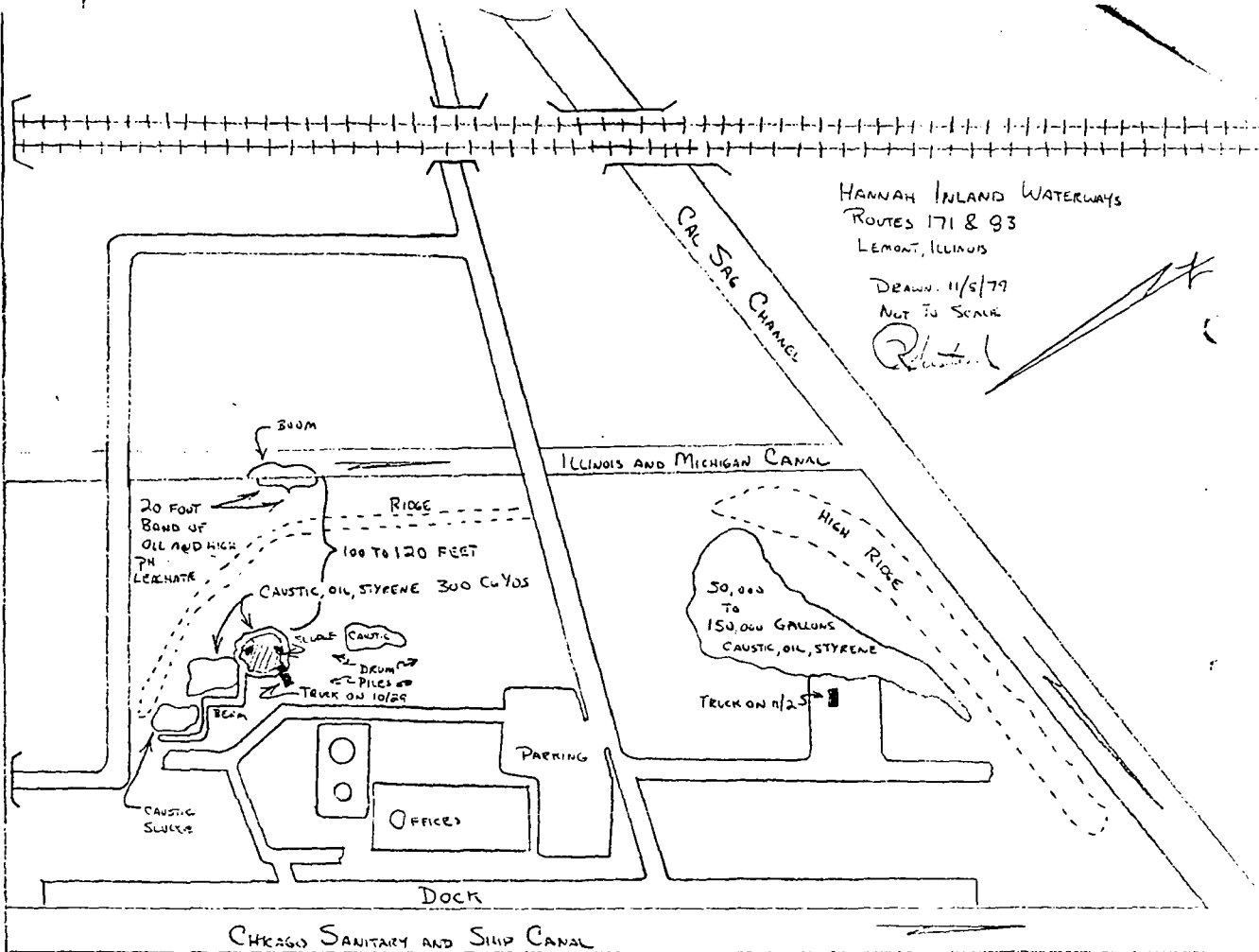
- cont. -

00120

HANNAH INLAND WATERWAYS
 ROUTES 171 & 93
 LEMONT, ILLINOIS

DRAWN 11/5/79
 NOT TO SCALE

Q. L. L.



Route 83

TOTAL
 MEAN
 MAX.
 MIN.
 OBSERVATIONS:
 12 Mid. to 11:58
 VISIBLY OIL DEPOSIT AND RAINBOW IN CANAL & RICHARDSON CANYON

Water Meter Readings & Time

Grab Samples - Time taken (1) 11:15 Hrs Lab# 161C (2) Lab#
 (3) Lab# (4) Lab#

Total samples / This Station / This Date (4) 11/2-79

Gen. Chemistry Cyanide Phenols H.O.G. Trace Metals
 Other LAB #

[Signature]
 SUPERVISOR

00121

INDUSTRIAL WASTE CONTROL

CASE DISPOSITION

1979 NOV -7 AM 11:29

Date November 5, 1979
MET. SERV. DIST.
OF CRT. CHGO.

Company Hannah Inland Waterways Corp.

Location Rt. 83 & Rt. 171 Lemont, Illinois

Violation # Compliance Date

() Sanitary Sewer () Waterway
() Manhole () Other

FIELD INFORMATION ENFORCEMENT DISPOSITION

(X) Inspection 10/29 FC
(X) Sampling 10/29 FC, BH
()

Handled By: F. Clark

TYPE OF SAMPLING:

(X) Grab
() Composite hrs.
() Automatic
() Trailer Sampling

TYPE OF STUDY:

() Initial Study
511 (X) Special Investigation (4631)
() Surveillance Sampling
() Surcharge Sampling
() Compliance Sampling
() Conciliation
() Show Cause
() Court

SECTION:

() North () Auto Samplers
(X) S. Central () Surcharge
() South () Waterway
() P.T.P.

REMARKS:

Wastewater being dumped to ground
from Co. truck.

() In Compliance
() In Violation
() Sanitary Sewer

() Waterway

() Other

RECOMMENDED FOR:

() Show Cause
() Court
(X) Surveillance
() Resample Days
() Type
() No Further Action Necessary
(X) Follow - Up *as necessary*

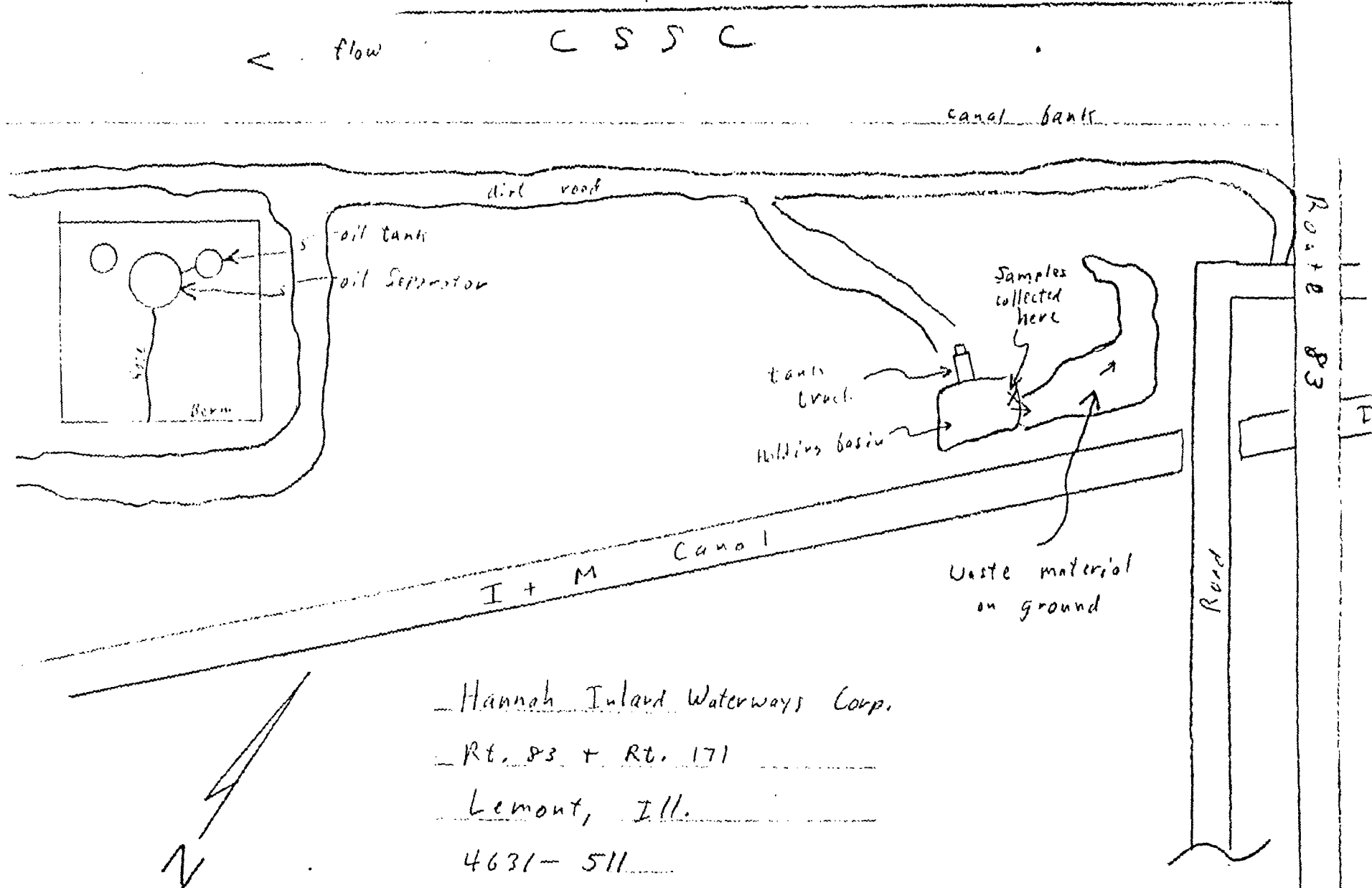
PARAMETERS:

() All () Cyanide
() pH () B.O.D.
() F.O.G. () Bacti
() Trace Metals ()

By: *James J. Lewis*
Date: 11/8/79

*Company now performs badge
sampling service without A-900 available - when does it go??*

00122



Hannah Inland Waterways Corp.
 Rt. 83 + Rt. 171
 Lemont, Ill.
 4631-511

Not to Scale
 IWC.
 F. Clark
 11-5-79

00123

Date

11/8/79

Co. Name

Harold Black Haulways

Co. Address

Reason for Issuance of Violation #

19-687

T. Conway's report of 9/4/79 indicates that 20,000 gal/month of waste oil is hauled by Pierce Oil Co., Springfield for disposal. Company has not reported any of this disposal through Manifest Violation issued for failure to report storage haulage since March 1, 1979.

Action to be Taken

Co must specify amt of waste oil generated for month, must identify name of hauler & disposal site. Co must report the hauling of this material through Manifest forms.

Signed

00124

INDUSTRIAL WASTE

ANALYSIS DATA:

SOURCE HANNAH INLAND WATERWAYS

WATERWAYS

RESULTS EXPRESSED IN mg
(milligrams per liter)

LOCATION Route 83 & Route 131, Lemont, Ill.

Leachate & I.M.

PERIOD 11/2/79

N.S.= no sample

TYPE Grab 1115 Sustich

N.A = no analysis

[illegible]

* Reported in $\mu\text{g/l}$. (Micrograms per liter)

Date: NOV 14 1979

Date: 11/14/79

Analyst: C. Aronberg

Supervising Chemist:

W. Willham JD

9

Rev 5/17/7.

00125

INDUSTRIAL WASTE

ANALYSIS DATA:

WATERWAYS

Pool on Ground

RESULTS EXPRESSED IN mg /l.
(milligrams per liter)

N.S. = no sample

N.A = no analysis

00126

Date: NOV 14 1979

Supervising Chemist:

W. Willborn 90

P.P.G.

NOV 4 1979

11/17/00 10:00 AM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

COMPOSITE___SANITARY SEWER___EFFLUENT DISCHARGE^X

GRAB X PVT. TRT. PLANT WATERWAYS RUN

NON-POLAR
F.O.C. (97c)

Approved W. Willborn
Supervising Chemist.
P.P.G.

PPG

00120

~~DEC~~ 4 1979

SAMPLING POINT Pool on Ground

COMPOSITE ___ SANITARY SEWER ___ EFFLUENT DISCHARGE X

GRAB X PVT. TRT. PLANT WATERWAYS RUN

00128Metals Attached _____
Analyses as Requested _____

Approved W. Williams Int
Supervising Chemist.
P.P.G.

Table 1. Canal Seepage Samples of 7 Nov 79

Hannah Inland Waterways, Lemont

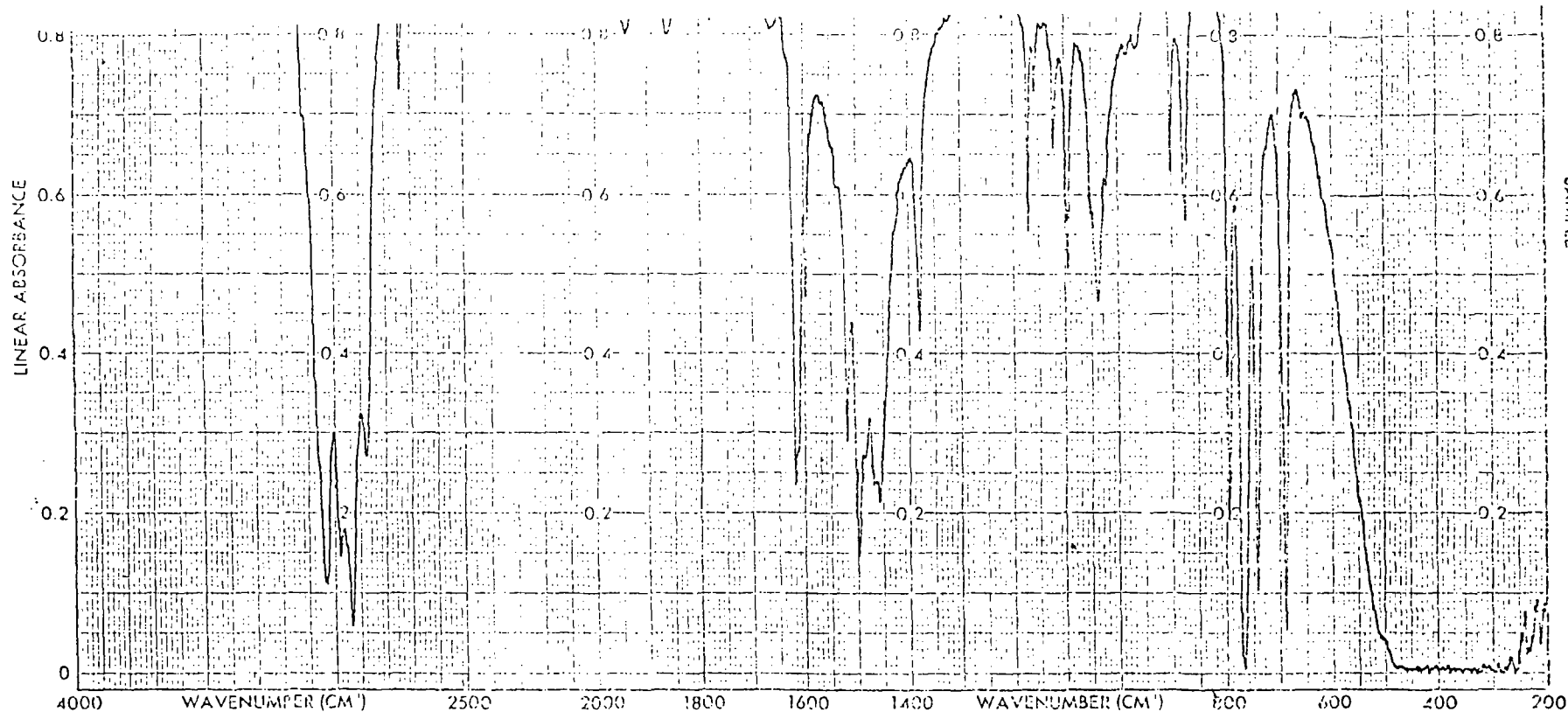
Compound	Amount Detected in Supernatant	
	South Pond	North Pond
methyl ethyl ketone	4.5 mg/l	18.5 mg/l
Styrene (monomer)	none	none
Benzene	none	none
Toluene	none	none
o-xylene	none	none
m-xylene	none	none
p-xylene	none	none
phenol	none	212 mg/l
ethyl acetate	none	none
isobutanol	none	none
benzoic acid	none	none

Detection limits are 1-2 mg/l each compound, except for benzoic acid, which has a detection limit of 4 ppm or 4 mg/l

IND. V. S. T. 12
MET. S. T. 12
OF 0.01 L. 12

1979 DEC 12 09:14:13

IND. V. S. T. 12



ABSCISSA		ORDINATE		SCAN TIME <u>02</u>	REP. SCAN	SINGLE BEAM
EXPANSION		EXPANSION		RESPONSE <u>1</u>	TIME DRIVE	PRE SAMPLE CHOP
SUPPRESSION		% T	ABS	SPLIT PROGRAM <u>1</u>	OPERATOR	DATE
SAMPLE <u>SMILE</u>		REMARKS <u>MIXED XYLENES FOR</u>		SOLVENT		CELL PATH
ORIGIN <u>Printed</u>		REMARKS <u>HISTOLOGICAL USE</u>		CONCENTRATION <u>NCAT</u>		REFERENCE <u>012</u>

SAMPLE

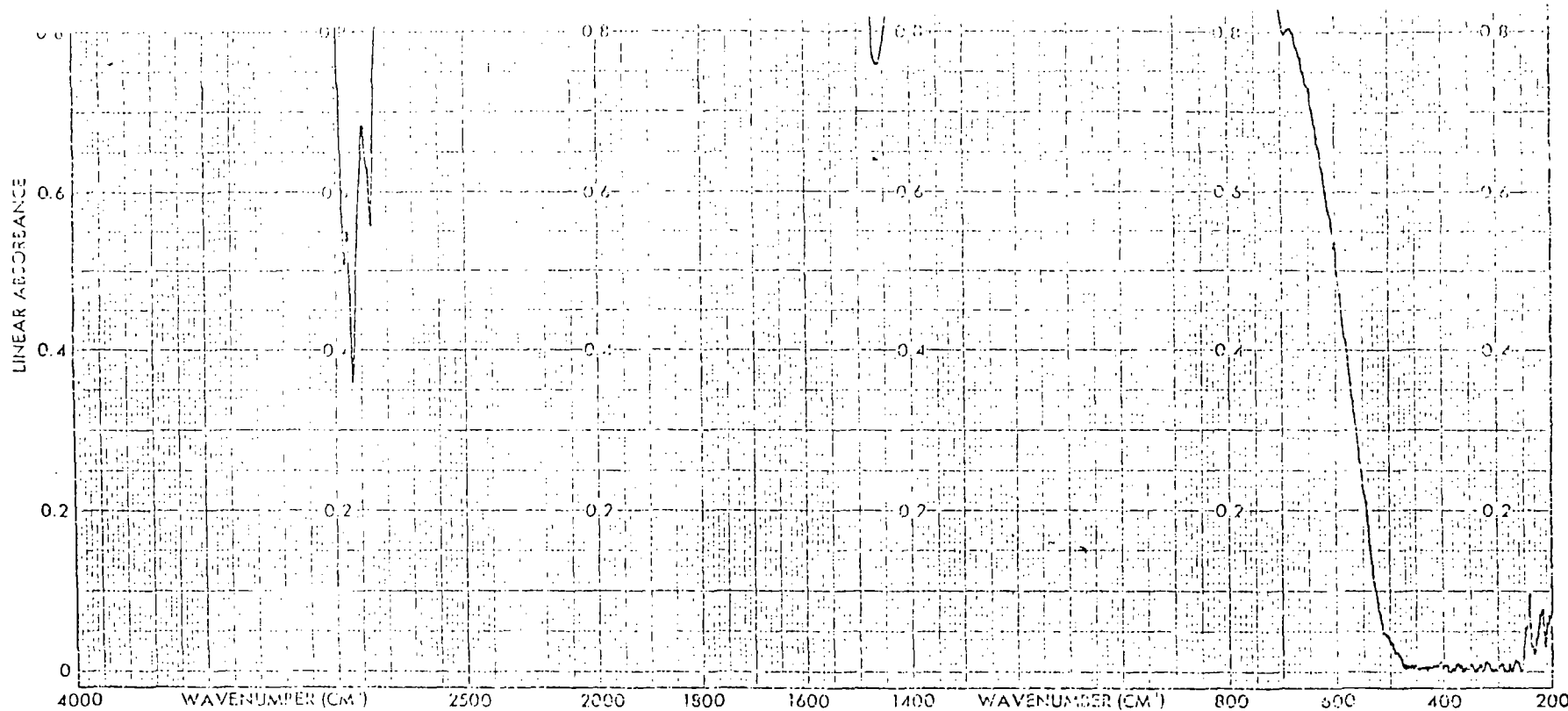
REF. NO

00130

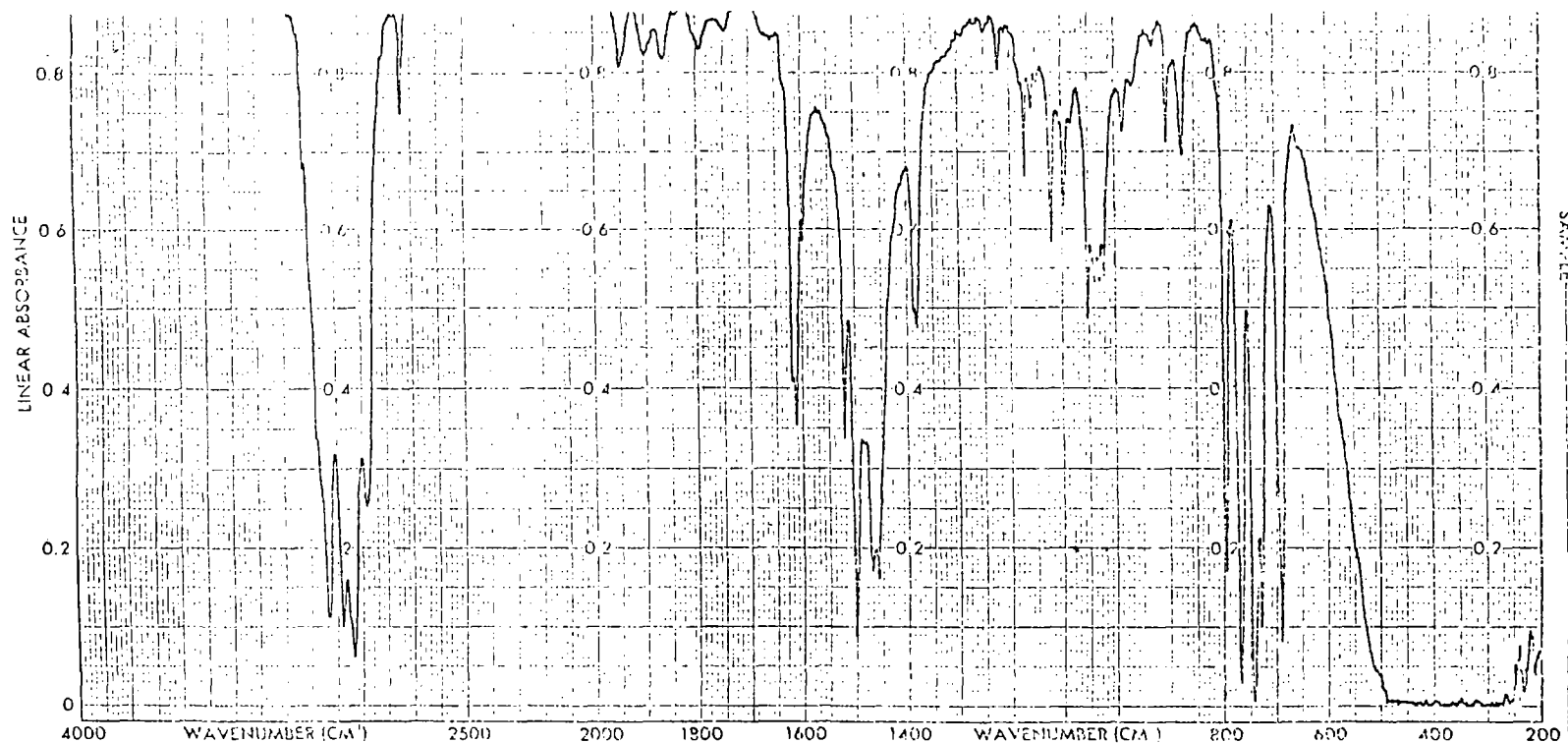
00131

SAMPLE

REF. NO



ABSCISSA		ORDINATE		SCAN TIME 12	REP. SCAN	SINGLE BEAM
EXPANSION		EXPANSION		RESPONSE 1	TIME DRIVE	PRE SAMPLE CHOP
SUPPRESSION		% T 100.0 ABS		SLIT PROGRAM N	OPERATOR DWS	DATE 11/24/79
SAMPLE I.V. #2190		REMARKS RESIDUE AFTER		SOLVENT ~		CELL PATH -
ORIGIN FIG. 1		EVAPORATION		CONCENTRATION -		REFERENCE Air
		BETWEEN P.A. PLATES				



SAMPLE

REF. NO.

ABSCISSA		ORDINATE		SCAN TIME <u>12</u>	REP. SCAN	SINGLE BEAM
EXPANSION		EXPANSION		RESPONSE <u>1</u>	TIME DRIVE	PRE SAMPLE CHOP
SUPPRESSION		% T <u>100 - 0</u> ABC		SLIT PROGRAM <u>N</u>	OPERATOR <u>DWS</u>	DATE <u>11/14/77</u>
SAMPLE <u>1.052180</u>		REMARKS <u>DISTILLATE</u>		SOLVENT		CELL PATH <u>0.025 mm</u>
ORIGIN <u>P16.2</u>				CONCENTRATION <u>166T</u>		REFERENCE <u>1/3</u>

cc: Jerry Thomas

INTER OFFICE MEMORANDUM

THE METROPOLITAN SANITARY DISTRICT OF
GREATER CHICAGO

DEPARTMENT: RESEARCH AND DEVELOPMENT

DATE: Nov. 13, 1979

TO: Allen S. Lavin, Attorney

FROM: Cecil Lue-Hing

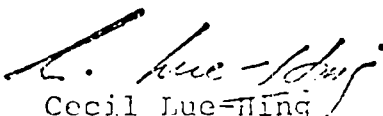
SUBJECT: HANNAH INLAND WATERWAYS LOCATED AT THE JUNCTION
OF THE MAIN CHANNEL AND THE CAL-SAG CHANNEL

On October 29, 1979, in response to a complaint from the Clean Streams Committee, personnel of the Industrial Waste Division of the Research and Development Department conducted an inspection of the property leased by the Hannah Inland Waterways Corp. from the Metropolitan Sanitary District of Greater Chicago. This inspection revealed that the company is now operating a barge cleaning facility and is using a portion of the property that they lease from the District for their industrial waste. This site was not approved by any District personnel nor was the District informed that the company was engaging in commercial barge cleaning operations. The material that has been disposed of on the ground and in pits has a low flash point, a high pH value and is oily in nature.

It is recommended that the Law Department immediately issue a 60 day eviction notice to the Hannah Inland Waterways Corp. for violation of their lease and to require that all material having been deposited in an improper manner be removed from District property to an authorized site. That after the waste material has been removed the contaminated ground also is to be excavated and removed from the District property to a proper disposal site and clean approved back-fill material be deposited on the MSD property in its place.

If the company intends to continue its barge cleaning operation they should be required to install closed holding tanks for their waste material. These tanks are to have dikes that will contain a minimum of 110% of the total capacity of the tanks that the dikes surround and that there be proper loading and off-loading facilities constructed for the handling of this waste material.

If you require further information regarding this matter, please contact Mr. Stanley W. Whitebloom at 751-5697.


Cecil Lue-Hing
Director
Research and Development

CLH:SWW:dc

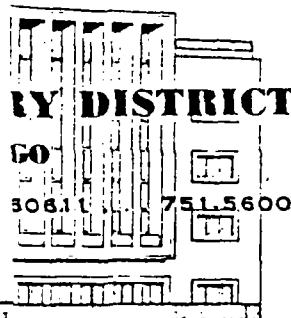
00133

No. 113193

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO Hannah Inland W.W. STREET AND NO.		P.O. BOX 189 PO, STATE AND ZIP CODE Lemont, Ill. 60439		POSTAGE \$
CERTIFIED FEE		SPECIAL DELIVERY		TOTAL POSTAGE AND FEES \$
RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED		
RETURN RECEIPT SERVICE		SHOW TO WHOM AND DATE ADDRESS OF DELIVERY		
OPTIONAL SERVICES		SHOW TO WHOM AND DATE ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		
CONSULT POSTMASTER FOR FEES		POSTMARK OR DATE		

PS Form 3800, Apr. 1976



BOARD OF COMMISSIONERS

JOANNE H. ALTER
THOMAS S. FULLER
EDWARD W. GJERTSEN
WILLIAM A. JASKULA
NELLIE L. JONES
JAMES C. KIRIE
CHESTER P. MAJEWSKI
NICHOLAS J. MELAS
RICHARD J. TROY

IN THE NAME OF
THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO
COOK COUNTY, ILLINOIS

THE METROPOLITAN SANITARY)
DISTRICT OF GREATER CHICAGO)
vs.)
HANNAH INLAND WATERWAYS)
)
)
)

COMPLAINT NO. 79-687

NOTICE OF VIOLATION

TO: Mr. Carl F. Lambert, Mgr. Safety & Compliance
P.O. Box 189
Lemont, Illinois 60439

Investigation has revealed that you have failed to comply with the requirements for reporting to the Sanitary District concerning the transfer and disposition of industrial waste sludges or production residues, and are therefore in violation of Article IV, Section 3 of the Sewage and Waste Control Ordinance of the Metropolitan Sanitary District of Greater Chicago. Your violation consists of: failure to disclose to the Sanitary District, in writing, in forms furnished by the Sanitary District, the quantity, volume and chemical composition of industrial waste sludge or production residue delivered since March 1, 1979 to a scavenger or other entity hired to transport and/or dispose of same, and to identify the name and address of such scavenger.

You or your authorized representative, are requested to appear at 100 E. Erie St., Industrial Waste Division, Room 413, Chicago, Illinois on December 3, 1979 at 11:00 a.m. to conciliate on the subject matter.

YOUR FAILURE TO APPEAR IN RESPONSE TO THIS NOTICE WILL SUBJECT YOU TO SUCH PENALTY AND LEGAL ACTION AS PROVIDED BY LAW.

Jerome Tobias
Jerome Tobias
Chief Enforcement Officer

k

Witness November 19, 1979
The Metropolitan Sanitary District
of Greater Chicago
Hugh H. McMillan, General Superintendent
By *Cecil Lue-Hing*
Cecil Lue-Hing, D.Sc., P.E.
Director
Research and Development

00134

NICHOLAS J. MELAS
PRESIDENT



THE
METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGO

100 EAST ERIE ST., CHICAGO, ILLINOIS 60611 751-5600

Edgar W. McMillan
General Superintendent

751-5722

REGISTERED MAIL
RETURN RECEIPT REQUESTED

November 26, 1979

BOARD OF COMMISSIONERS

JOANNE H. ALTER
THOMAS S. FULLER
EDWARD W. GJERTSEN
WILLIAM A. JASKULA
NELLIE L. JONES
JAMES C. KIRIE
CHESTER P. MAJEWSKI
NICHOLAS J. MELAS
RICHARD L. TROY

Mr. James A. Hannah
Hannah Inland Waterways Corporation
P. O. Box 189
Lemont, Illinois 60439

SUBJECT: 90-DAY NOTICE OF TERMINATION OF LEASE dated
September 14, 1961 between The Metropolitan
Sanitary District and Hannah Inland Waterways
Corporation.

Dear Sir:

Personnel of The Metropolitan Sanitary District of Greater Chicago Research and Development Department on October 29, 1979, inspected the property leased to Hannah Inland Waterways Corp., at the junction of the Main Channel and the Cal-Sag Channel, by virtue of a Lease Agreement dated September 14, 1961, and which is legally described in Exhibit A which is attached hereto and made a part hereof. The inspection revealed that the company is operating a barge cleaning facility on the property and is using a portion thereof for disposal of industrial wastes.

The material which has been disposed of on the ground has a low flash point, a high pH value and is oily in nature. The Sanitary District has not authorized this activity nor was it informed that the Lessee would engage in such operations. The disposal of this material on the premises is in direct violation of Sections 3.05 and 5.10 of the Lease. For particulars, see Exhibit B attached hereto.

Accordingly, HANNAH INLAND WATERWAYS CORPORATION IS HEREBY NOTIFIED, PURSUANT TO THE PROVISIONS OF PARAGRAPH 3.09 OF THE AFORESAID LEASE, THAT UPON THE EXPIRATION OF THE PERIOD OF NINETY DAYS (90) DAYS FROM ITS RECEIPT HEREOF, THE METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO WILL TAKE ALL STEPS NECESSARY TO TERMINATE SAID LEASE AND REMOVE HANNAH INLAND WATERWAYS CORPORATION FROM THE PREMISES.

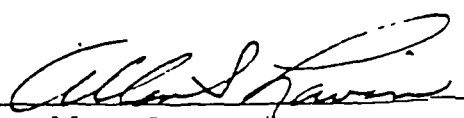
00135

November 26. 1979

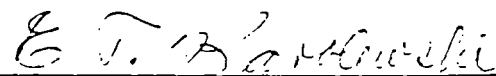
Furthermore, you are required within 90 days of your receipt hereof to remove all improperly deposited material and contaminated earth to an authorized site and replace the contaminated earth with approved back-fill material to be deposited on the Metropolitan Sanitary District property in its place. In the event of your failure to do same, The Metropolitan Sanitary District of Greater Chicago will take all necessary steps to terminate said Lease and remove you from the premises. If Hannah Inland Waterways Corporation fails to remove this material, such removal may be performed by the Sanitary District and the costs charged to the Lessee pursuant to Section 5.10 of the Lease.

In the event that Hannah Inland Waterways Corporation desires to continue its barge cleaning operations in a manner permitted by the Lease, after the foregoing breaches of said Lease are rectified, the Attorney's Staff will be available for consultation with respect thereto.

Very truly yours,

METROPOLITAN SANITARY DISTRICT
OF GREATER CHICAGOBy: Hugh H. McMillan
General Superintendent
Allen S. Lavin, Attorney

PREPARED BY:


E. T. Karolewski
Real Estate Administrator

HHM:ASL:ETK:FG:il

bcc: Jaskula/Lue Hing/File.

**THE METROPOLITAN SANITARY DISTRICT OF
GREATER CHICAGO**

DEPARTMENT: R&D

DATE: November 27, 1979

TO: Dr. N. Kelada, Head, Instrumentation & Methodology

FROM: D. W. Sher, Instrumentation Chemist 3

SUBJECT: Industrial Waste Sample #2190, Project 72-915-9A

A sample of a brown liquid floating on rainwater was submitted for qualitative analysis. The brown material had an odor characteristic of aromatic solvents, and had low viscosity. It did not appear soluble in water.

About 65 ml was spun down in the centrifuge to remove particulate matter. The supernatant was then distilled in the Mini-Lab setup. About 60 ml of a clear material was collected, distilling in a range of 132-140°C. The sample was not taken to dryness, although at the end of the distillation it was noted that the vapor temperature was wavering down slightly. A trace of water which came over initially was removed with sodium sulfate.

A drop of the original supernatant was evaporated on a NaCl plate for IR spectroscopy. The spectrum of this dark brown residue is shown in Fig. 1; the only bands observed being aliphatic C-H in the 2970-2850 cm^{-1} region and C-C bands at 1460 and 1380 cm^{-1} , typical of asphaltum.

The distillate was run in a 0.025 mm NaCl cell. The spectrum, Fig. 2, is much more complicated, with peaks characteristic of both aromatic and Aliphatic hydrocarbons present. A spectrum of authentic xylene (Fisher X-5, neutral histological) gave a spectrum that was qualitatively identical with quantitative differences attributable to a slightly different mix of xylene isomers.

In my opinion, this sample is asphaltum (5-10%) dissolved in mixed xylenes solvent.


David W. Sher

DWS:wd

attachments

00137

**THE METROPOLITAN SANITARY DISTRICT OF
GREATER CHICAGO**

DEPARTMENT: R&D

DATE: November 28, 1979

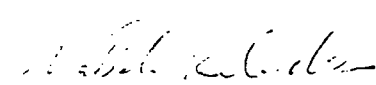
TO: Dr. David T. Lordi,  Coordinator of Technical Services

FROM: Nabih Kelada

SUBJECT: Industrial Waste Sample #2190

We have received the above special sample from Mr. D. Harper on Nov. 26. As per your directions it was analysed and found to contain the organic substances "asphaltum and mixed xylenes solvent".

Please find the enclosed detailed analytical report from Mr. D. Sher.


Nabih Kelada

NK:wd

attachments

cc: D. Sher


To Mr. Donald Harper

This is results of special analysis on sample collected by Industrial Waste Division from Willow Springs area.

D. T. Lordi

11/28/79

XC Deroch / Whiteblom



11-29-79

00138

12.5.79 Hannah Marine Corp. (new name)

State they have contracted with Browning-Ferris to remove caustic from ponds along with contaminated sludge from bottom. (Waukegan)
Waiting for final EPA signature on permit. Landfill
Have contracted with Petro-Chem to clean all caustic barges until they decide:

1. Clean no more caustic barges
2. Build a treatment plant for caustic washwater
3. Scavenge it.

Jack Barnett EPA advised! Carnody
12/5/79

12/11/79 Mr. Updegraff came in to pick up 80 sludge forms.

1-11-80 Sustich - leaching to 1 + m still possible. Company to secure soil bore samples to determine how deep must go

**THE METROPOLITAN SANITARY DISTRICT OF
GREATER CHICAGO**

DEPARTMENT: R&D

DATE: December 17, 1979

TO: Dr. N. Kelada

FROM: D. W. Sher

SUBJECT: SPECIAL SAMPLES #2265-2266, PROJECT 72-915-0A

Two samples were submitted by Industrial Waste for identification. The samples were identified as follows:

#2265 Hannah Inland Waterways, Tank Truck (11/26/79)

#2266 Hannah Inland Waterways, Pool Beneath Truck (11/26/79)

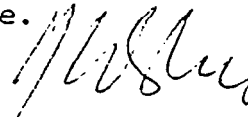
Sample 2265 appeared to have an organic layer above a white water layer. Addition of NaCl to this lower layer showed it to be an emulsion of some organic material in water. The top (organic) layer was stripped in a lab distillation setup, with the material coming off between 130 C and 138 C, the expected range for xylene in this setup. IR spectroscopy gave positive identification of xylene.

The residue after evaporation was a liquid, clear with a brownish tinge. IR spectroscopy identified this material as aliphatic hydrocarbons. An aliquot of this residue was dissolved in n-hexane (5% v/v) and run on the Tracor 550 gas chromatograph, using a OV-1 methyl silicone column and flame ionization detector (FID). The resulting chromatogram was extremely complex, with most peaks eluting in the range expected for C_9H_{20} to $C_{12}H_{26}$ (defined from the hexane solvent peak and n-alkane standards C_8H_{18} through $C_{14}H_{30}$). Although I do not have any suitable standard for comparison, the molecular weight range appears reasonable for diesel fuel or #2 fuel oil.

Sample 2266 had insufficient material for distillation in our setup. IR spectra were run on the organic layer after drying with

TO: Dr. N. Kelada
FROM: D.W. Sher
SUBJECT: Special Samples #2265-2266, Project 72-915-OA
DATE: December 17, 1979

Na₂SO₄, giving a spectrum similar to xylene, and the residue after evaporation, again an aliphatic hydrocarbon. The residue after evaporation was a dark brown solid. In general, Sample 2266 resembled sample 2190 previously reported, a dark brown aliphatic residue dissolved in xylene.


David W. Sher

DWS:wd

**THE METROPOLITAN SANITARY DISTRICT OF
GREATER CHICAGO**

DEPARTMENT: R&D

DATE: December 18, 1979

TO: Dr. David T. Lordi, Coordinator of Technical Services

FROM: Nabih Kelada

SUBJECT: INDUSTRIAL WASTE TWO SAMPLES #2265 & #2266

We have received the above special two samples identified
as:

#2265 Hannah Inland Waterways, Tank Truck (11-26-79)

#2266 Hannah Inland Waterways, Pool Beneath Track(11-26-79)

As per your directions they were analysed for probable identification. Please find the enclosed detailed analytical report from Mr. D. Sher.

Nabih Kelada
Nabih Kelada

NK:wd

attachments

cc: Mr. D. Sher

TO: Stanley Whitebloom
Coordinator of Industrial Wastes

Enclosed are results of analysis of subject Industrial Waste samples. The materials appeared to be an aliphatic hydrocarbon (possibly fuel oil) dissolved in xylene.

David T. Lordi
David T. Lordi
12/20/79

cc: D. Harper
J. Dencek
N. Kelada

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation, organized and existing under and by virtue of the laws of the State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	79-779
NOTICE#	1
HEARING	1
DATE	1/28/80

Hannah Marine Corp., Lemont, Illinois

hereinafter called the "COMPANY":

MSD Treatment Plant _____ MSD Waterway I & M Canal
Alleged Violations F.O.G. (visible) Tss. ammonia

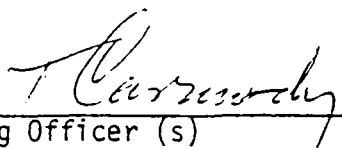
WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Co. reports that it has removed the liquid caustic from the south pond and has excavated solids from same. It has sunk several sumps to accumulate oil from subsurface and believes it has prevented continued leaching to the I & M Canal. It is maintaining a boom and absorbent pads at the point where leaching occurred.

Co. has had core samples taken, but has not received a report.

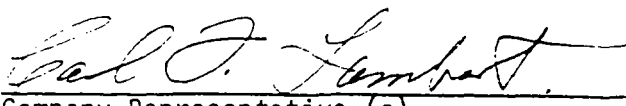
Co. will return on Feb. 26, 1980 at 10:00 am to report.
MSD or Hannah may request a meeting before that date.

COMPLIANCE DATE: _____



Hearing Officer (s)
T. Carmody

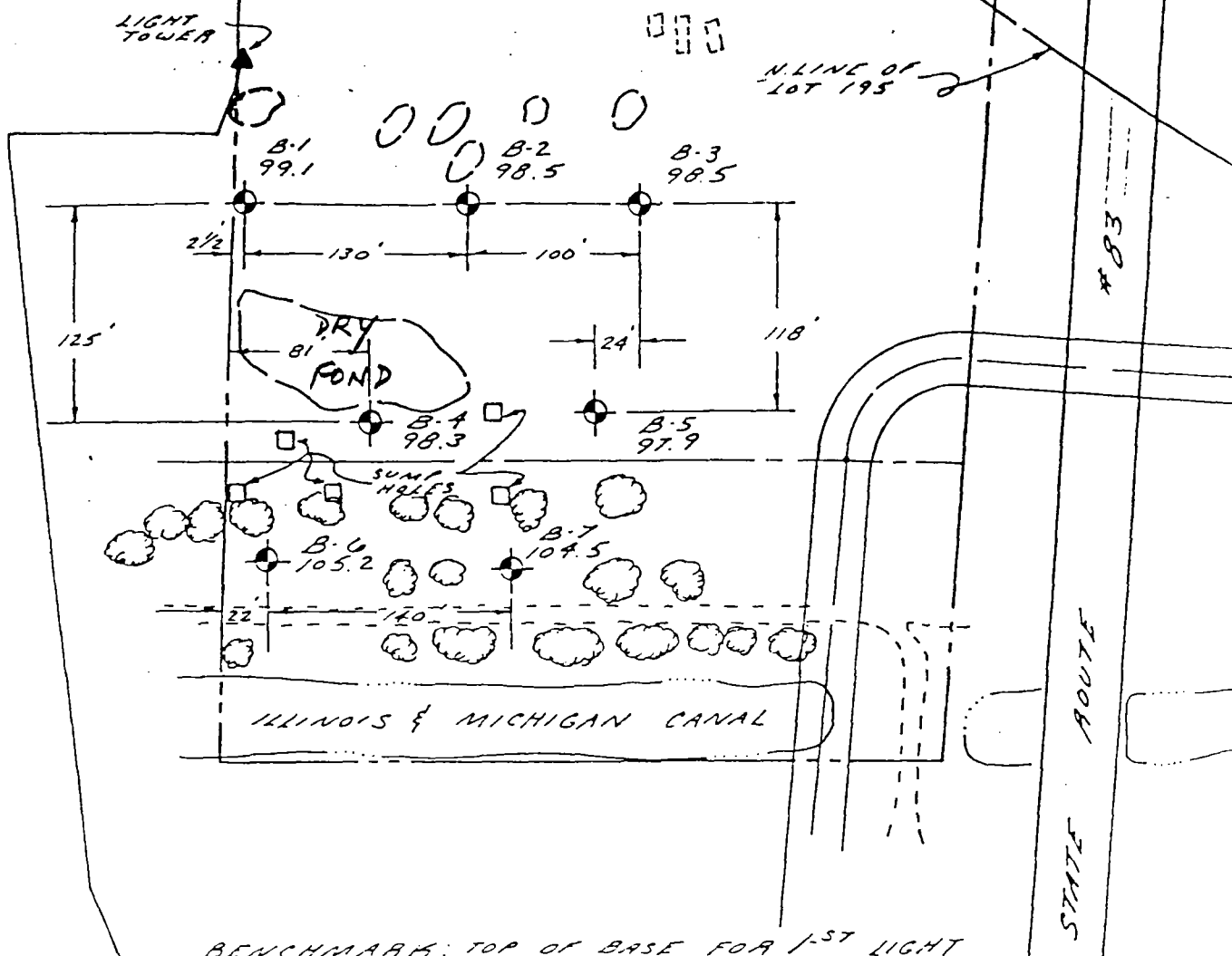
S u u



Company Representative (s)
Dave Updegraf, V.P.
Nick Lambert, Safety Mgr.
J. W. McMurray, Atty.

00143

CHICAGO SANITARY & SHIP CANAL



BENCHMARK: TOP OF BASE FOR 1ST LIGHT TOWER WEST OF RT. #83, ALONG SANITARY & SHIP CANAL, SOUTH SIDE, 1.2 FT. ABOVE GROUND SURFACE \pm 586 FT. ELEVATION = 100.0 FT.

BORING LOCATION PLAN

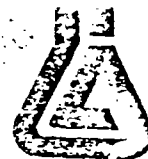
HANNAH MARINE
P.O. BOX 189
LEMONT, ILLINOIS

NOT TO
SCALE

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
WHEATON, ILLINOIS 60187
JANUARY 29, 1980 L-17,333

00144

equalab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100



18 February 1980

Mr. Dino Fabbre
HANNAH INLAND WATERWAYS CORP.
P.O. Box 189
Lemont, Il. 60439

Dear Mr. Fabbre:

Enclosed please find a copy of the results for soil samples from boring locations B-1, B-2, and B-3. All answers are reported on a dry weight basis.

Also enclosed is a copy of the results for boring #B-2, sample #S-5+5A, AQLS #67114QA. As part of our Quality Assurance Program, this sample was completely run twice at no charge. This can give you an idea as to the reproducibility of each individual test.

We wish to thank you for the opportunity to be of service. If you need further assistance or have any questions, don't hesitate to call.

Sincerely,

Stan S. Zaworski
General Manager

SSZ/hn

enclosures

00143

valley lane
wood, illinois 60103
289-3100



analytical report

analysis no.: 67107

4 February 1980

Depth (ft.) 8 1/2 - 10

HANNAH INLAND WATERWAYS CORP.

P.O. Box 189

Lemont, Il. 60439

Attn: Dino Fabbre

SAMPLE

DESCRIPTION: Boring # B-1 Sample # S-2+2A

date taken:

date received:

date analyzed:

1/30/80

1/30/80

Arsenic	10.0	ppm
Cadmium	2.43	ppm
Chromium, total	11.8	ppm
Copper	50.4	ppm
Lead	79.6	ppm
Mercury	<0.01	ppm
Nickel	20.	ppm
Zinc	118.	ppm
Phenol	<0.01	ppm
Cyanide	<0.01	ppm
COD	106,000.	ppm
TOC	4.60	%

*All answers ppm on a dry weight basis

00146

CONCILIATION AGREEMENT

This AGREEMENT, entered into by and between the METROPOLITAN
SANITARY DISTRICT OF GREATER CHICAGO, a Municipal Corporation,
organized and existing under and by virtue of the laws of the
State of Illinois, hereinafter called the "DISTRICT" and

VIOLATION	<u>79-779</u>
NOTICE#	<u>1</u>
HEARING	<u>4</u>
DATE	<u>5/21/80</u>

FID 362 60 8994-00

HANNAH MARINE CORPORATION

Chicago Sanitary & Ship Canal at Cal-Sag Junction
Lemont, IL

hereinafter called the "COMPANY":

MSD Treatment Plant _____ MSD Waterway I & M Canal
Alleged Violations Fats, oils or greases; visible oil; total suspended solids; ammon

WHEREAS it has been alleged that the COMPANY has been and/or is presently in violation of the
pollution laws contained in the Sewage and Waste Control Ordinance; WHEREAS parties agree to
conciliate; NOW, THEREFORE, it is agreed that the COMPANY will attain compliance as follows:

Company states after they enlarged their three sumps along
the I & M Canal they found that they did not require an
automatic sump pump. Material collected in the sumps is
pumped to a vacuum truck for ultimate disposal. There is
no current seepage into the canal. The lagoon in the area
west of company buildings has been removed and the area is
to be regraded. The area around the sumps will also be filled
in.

Company states they are now in compliance with the MSD Ordinance.

Company was informed that they must send in MSD Manifest forms
whenever a load of sludge is being scavenged. Company filled
out white card requesting 12 forms.

COMPLIANCE DATE: NOW

Hearing Officer (s)

E. Field

Carl J. Lambert
Company Representative (s)

Nick Lambert - Safety Mgr.

00147

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Hannah Marine Corporation
 Kingery Road At Archer Avenue
 Lemont, Illinois
 F.I.D. #362780828

Date of Investigation:

June 24, 1980

Mr. Carl Lambert - Mgr. of Safety &
 Compliance

Originated by: Main Office ☐
 Trt. Plant ☐ Clean Streams ☐
 Other ☐ Local Authority ☐

Type of Complaint:

Waterway ☒ Sewer ☐ Other ☐

Illinois & Michigan Canal

Supervisor Assigned:

R. Sustich
 R. Kaufmann

Person Date Time

Violation #79-779	4-29-80	

Water Samplers:

None

Sample ☒ Photographs ☒ 3 Additional Information Attached ☒

INVESTIGATION:

The writer, accompanied by R. Kaufmann - PCO II, visited the facility on June 25, 1980 to conduct a compliance inspection with regard to Violation #79-779.

Investigators met with Messrs. Carl Lambert, Manager of Safety and Compliance and Deno Fabbre, Yard Superintendent.

Inspection of the North (East) Pond area revealed that the company had adequately removed the deposited material and had installed several sump points to a depth of approximately 12 feet. Of these, three (3) points remain active, two (2) in the area of the pond itself, and one (1) intercepting sump near the Illinois & Michigan Canal. The company is maintaining these sumps once per week.

Inspection of the South (West) Pond revealed that essentially all of the 50,000 to 100,000 gallons of liquid had disappeared from the site. The company, in April - 1980, removed 5,000 gallons of "caustic wash", indicating that this was sufficient to empty the pond. The company feels that the remainder of the liquid (45,000 to 95,000 gallons) had evaporated during the period of inactivity between November, 1979 and April, 1980. The company also claims, in letter of April 29, 1980, that the area appears to be dry now. Contrary to company claims, the entire area of the South (West) Pond is presently covered by a viscous sludge up to 24 inches in depth. The volume of this sludge appears to be in excess of 10,000 cubic feet and perhaps significantly greater. This material has been found to exhibit a 40% LEL in the atmosphere above accumulations and also to emit detectable organic

- Continued -

00148

Page -2-

Hannah Marine Corporation
Kingery Road At Archer Avenue
Lemont, Illinois
June 24, 1980

amines in the range from 0 to 50 ppm. The material also emits strong organic odors and visually appears oily in nature.

One sludge sample was obtained from the South (West) Pond. This sample was delivered to the R & D Lab at the West-Southwest Plant for analysis. Parameter to be analyzed was General Chemistry.

Presently, the company is in compliance for Violation #79-779 for discharging contaminants to the Illinois & Michigan Canal. However, the clean-up operation for the removal of barge cleanings has been less than satisfactory. The maintenance of 10,000 cubic feet or more of highly volatile organic sludge in open ponds constitutes a continued hazard to any persons near this facility. As such, total clean-up operation including removal of all contaminated soils remains necessary.

Total Samples: 1

Reviewed:

R. Kaufmann
R. Kaufmann - PCO II

RS/hg

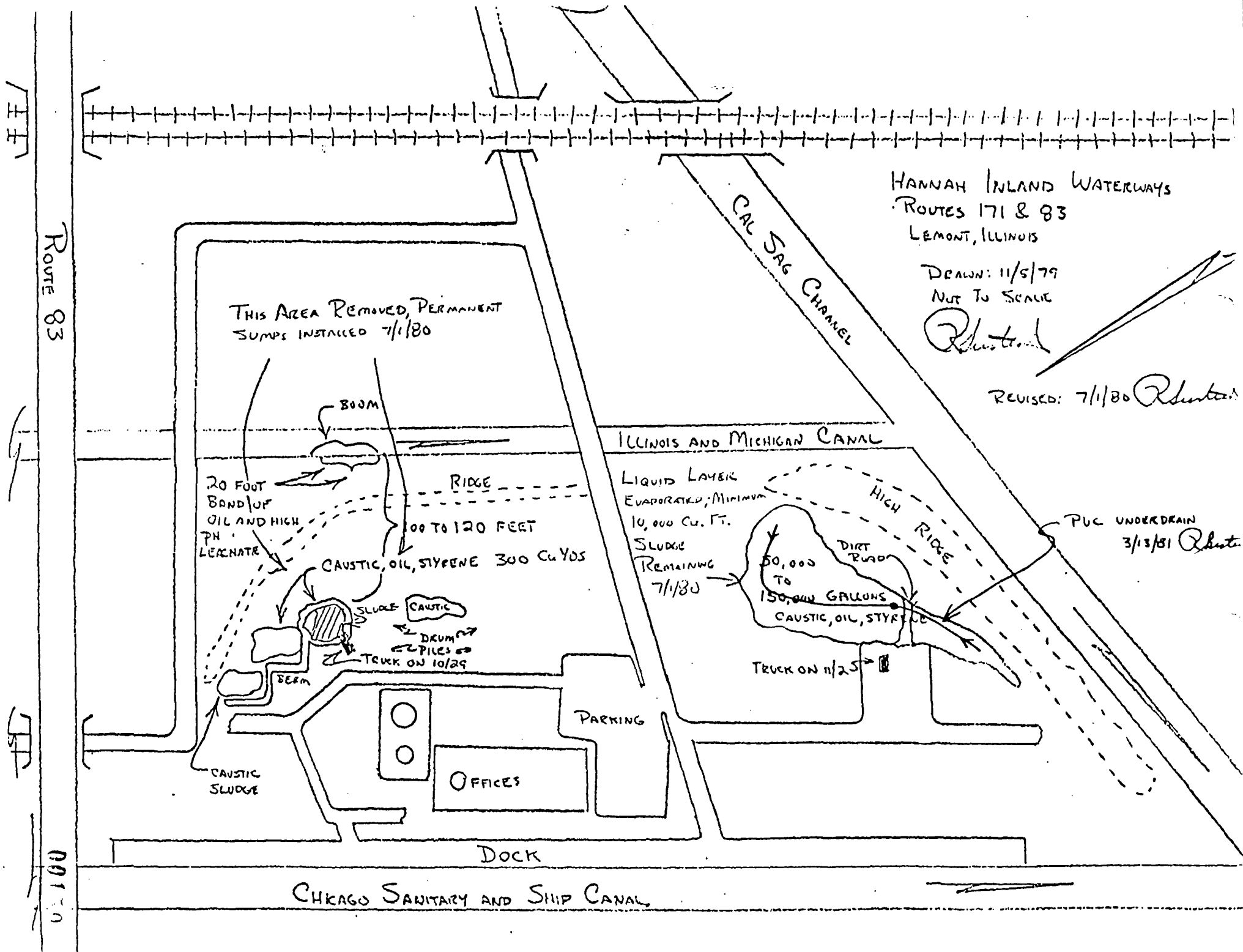
R. Sustich
R. Sustich - PCO I - Badge #121

00143

Drawn: 11/5/79
Not To Scale

Quoted

REVISED: 7/1/80 *R. Hunter*



HANNAH MARINE

CORPORATION

KINGERY ROAD AT ARCHER AVENUE

LEWISVILLE, ILLINOIS 60439

(312) 242-3210

July 31, 1980

Mr. Thomas F. Carmody
Industrial Waste Division
The Metropolitan Sanitary
District of Greater Chicago
100 East Erie Street
Chicago, Illinois 60611

*J. Dencek - Pls. inspect
and monitor situation. We
are concerned with the statement
relative to mixing sludge with
clay. J. Tobias 8/8/80*

Re: Removal of waste residue from
west lagoon at Hannah Marine Corp.

Dear Tom:

Per our letter of July 8, 1980 we are updating the status of sludge
removal from the west lagoon at Hannah Marine Corporation.

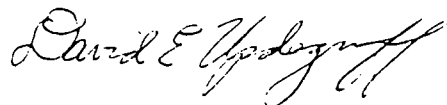
Deno Fabbre has had Adcock Construction Company come in with a 2 yard
backhoe machine and a swamp cat bulldozer with 36" pads to excavate the
material. We feel that about one more day's work with this equipment should
finish the excavation portion. Then a determination based on analysis of the
material can be made as to whether we blend the sludge with clay or take it
directly to landfill.

I understand from Mr. Fabbre that one of your representatives was at our
location this morning to witness that excavation is being properly accomplished.

We will report to you again by August 31, 1980 as to progress on removal.

Very truly yours,

HANNAH MARINE CORPORATION



DAVID E. UPDEGRAFF,
Vice-President - Operations

DEU/gl

00151

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Date of Investigation:

HANNAH MARINE
Rte. 83 & 107th St.
Lemont, IL.

August 5, 1980

Originated by: Main Office ☒
Trt. Plant ☐ Clean Streams ☐
Other ☐ Local Authority ☐

Type of Complaint:

Waterway ☐ Sewer ☐ Other ☐

<u>Person</u>	<u>Date</u>	<u>Time</u>
R. Kaufmann	8-5-80	

Supervisor Assigned:

J. Kelly, C. Pulaski

Water Samplers:

Sample ☐ Photographs ☐ Additional Information Attached ☐

INVESTIGATION:

On August 5, 1980, the writer and C. Pulaski, PCO I, visited the subject facility to conduct an inspection regarding the progress of the clean-up being conducted by Hannah Marine of land previously used as a dump site for liquid waste from barge cleaning operations. We met with Mr. Dino Fabry, who took us to the areas in question, at the western part of the property where the company was in the process of removing the topsoil down to a solid clay base. The contaminated soil was piled up on the sides for removal by the company's contractor, H. Wigboldy & Sons Excavating, (Phone #785-2121). Mr. Fabry didn't know the future disposal site for this material at the time of this investigation. Pools of reddish-brown water at the sites were a result, according to Mr. Fabry, of previous rains. The pools did not exhibit any trace of oil and had a neutral pH.

The area at the east end of the property was then inspected where the company had previously completed a clean-up similar to their current activity at the western sites. The area was filled with a rock and dirt mixture. Three or four large sump pits and numerous scattered monitoring holes were dug to a depth of approximately 30 feet according to Mr. Fabry. The holes and pits contained water which exhibited a solvent-like odor. Oil-absorbent cloths were floating in the pits to absorb any oil floating to the top. There appeared to be only minor amounts of oil in these sump pits. Mr. Fabry then took us to the point in the Illinois and Michigan Canal where oil from area had previously seeped into the canal. There appeared to be a small metal boom in the canal at that point enclosing a small area of stagnant water upon which was a very faint sheen of what appeared to be oil.

Reviewed by:

J. Kelly
J. Kelly, PCO I, Badge #140

JK:fk

00152

Hannah Marine Corporation
Routes 171 & 83
Lemont, Illinois
Mr. Dino Fabre, Yard Superintendent

August 26, 1980

Originated by: Main Office ☒
Trt. Plant ☐ Clean Streams ☐
Other ☐ Local Authority ☐
Type of Complaint:
Waterway ☒ Sewer ☐ Other ☐

Person	Date	Time
Progress Inspection		

Supervisor Assigned:

R. Sustich, J. Kelly

Water Samplers:

None

Sample ☒ Photographs ☐ Additional Information Attached ☐

INVESTIGATION:

The writer, accompanied by J. Kelly, PCO I, visited the facility on August 26, 1980, at the company's request to inspect progress in the clean-up of the West Lagoon at this site. Contact was made with Mr. Dino Fabbre, Yard Superintendent, upon arrival.

An inspection of the West Lagoon area revealed that the company had accumulated approximately 1,000 cubic yards of sludge from dredging of the pond. Mr. Fabbre indicated that this material would be mixed with clay at a 2 to 1 ratio and disposed of at CID. The area of the lagoon was also observed to contain approximately 7,500 gallons of a red/brown liquid. This is the area which the company had previously maintained was dry. Mr. Fabbre stated that the new liquid was only rainwater, but was at a loss to explain the obvious discoloration. A sample of this liquid was obtained at this time.

Investigators also questioned Mr. Fabbre as to the changes in operation since dumping was discontinued late in 1979. Mr. Fabbre indicated that the company had been applying 100,000 gallons to the West Lagoon annually and that the lagoon had never evaporated to below the level observed in November, 1979 (approximately 100,000 gallons). Mr. Fabbre was questioned as to the disposal of the liquid layer during 1980, as the company could only account for 5,000 gallons removed. No explanation was offered as to why the West Lagoon had evaporated only during 1980 and not during previous years.

With regard to present barge cleaning operations, Mr. Fabbre indicated that the company maintains 4,000 gallons of clear water for spraying the interior of barges. The company recycles this water through a 168,000 gallon tank in which solids settle out and oil is separated out by natural flotation. Oil is then pumped off to a 40,000 gallon holding tank for scavenging or used as fuel. Mr. Fabbre stated that the company does not use any cleaning compounds and that the recycled water does not become contaminated and thus will not require disposal.


Investigators at this time noted a 5,500 gallon tank truck from Chemical Waste Management being filled with liquid from the 168,000 gallon separation tank. Mr. Fabbre stated that the tank presently contained approximately 40,000 gallons of solid sludge which the company was now removing to CID landfill. He also indicated that the "clear

(continued)

00153

water" for barge cleaning was presently in this tank. A check of the water layer revealed an opaque oily tan liquid with pH = 11+. Mr. Fabbre indicated that this was the "clear water", but that it wasn't clear. During subsequent questioning, Mr. Fabbre could not explain the chemistry by which the company would be able to recycle wash water indefinitely without contamination when he was presently faced with the disposal of 100,000 gallons of contaminated wash water from the same operation.

ACFT INC


R. Sustich, PCO I, Badge #121

RS/dms

It appears more information regarding budget
clearing operations is needed - we request
@ this time the company submit to the MSD
a complete explanation of the budget
clearing & clearing operations. -

00154

10-1-80

Hannah Marine, Inc.

Progress meeting on 90 day action notice

Carl Lambert - Hannah

Carmody - R. Sustich - Reo, MSD

Frank Gardner - Real Estate Atty. MSD

Company presented generator copies of MSD manifest forms for (A) removal of contaminated soil from west pond area and (B) sludge removal from 168,000 tanks by Chem. Waste Mgmt. Re Sustich stated sludge was very solid and had to be loosened by pumping caustic washwater thru it to liquify it.

Matter of pumping down west pond was discussed. TSS free ammonia only parameter in violation of App. A grab sample. Company would prefer some additional evaporation while removing present piles of contaminated soil; MSD stressed importance of full cleanup and fill of west pond before winter put stop to activity.

Company was informed MSD requires schematic of barge cleaning operation; volume and path of wastewaters; disposal. Real Estate atty. raised point that lease specifies cleaning only as adjunct of repair of barges, while it appears company is doing job shop cleaning. May need to renegotiate terms, like rental fees.

Company will return on 10-10-80 at 10⁰⁰am with Vice President Updegraff and Kincaid, Operations Mgr.

Company will pump down pumps on east 1+M area and/or have pump water analyzed for metals etc.

File 5/21/80
agreement

00155

10/2/80

Hannak Marine:

Nick Lambert called to state they will start dewatering the west pond with the intention of filling in that portion from which muck has been removed and fill it with clay. Co. was instructed to notify MSD before filling so inspection can be made. Al Hidraite is notified.

Te.

cc: Deucatz
Sustich
F. Gardner - R.E.
Law

10-16-80 Hannah Marine

- ① One more week for Highbody moving mixed clay + sledge; manifest forms submitted to date.
- ② Meeting with CID to set up dewatering of west pond. As dewatered, Council call MSD field to inspect before filling. Area can then be kept in attractive shape, as weeds mowed etc.
- ③ Company is flattening damaged steel drums and disposing in Highbody loads of dirt. Good drums are being sold or returned to suppliers of kero oil or chemicals as new drums come in. Objective: no empty drums.
- ④ Sludge in 108,000 gal. tank is about 1/2 removed. Will continue until tank is virtually dry. Oil is pumped from top for burning in boiler. Company is evaluating installing a mechanical separator ahead of the big tank. Its plan is to continually scavenge sludge to avoid the RCRA 90-day storage rule.
- ⑤ Firm will submit schematic by 11-1-80

SWW - R.E.

I W C FIELD OPERATION - SPECIAL INVESTIGATION

Subject of Investigation:

Hannah Marine Corporation

Rte. 83 & 171

Lemont, Illinois

F.I.D. #36260899400

Originated by:Main Office ☐Trt. Plant ☐Clean Streams ☐Other ☐Local Authority ☐Type of Complaint:Waterway ☐ Sewer ☐ Other ☒

Sludge removal

Supervisor Assigned:

R. Sustich

R. Kaufmann

Date of Investigation:

March 13, 1981

Mr. Dino Fabbre - Terminal Mgr.

PersonDateTime

Surveillance

Water Samplers:

None

Sample ☐Photographs ☒Additional Information Attached ☒

INVESTIGATION: The writer, accompanied by R. Kaufmann - PCO II, visited the subject company on March 13, 1981 to conduct a progress inspection with regard to clean-up operations of waste lagoons. Investigators contacted Mr. Dino Fabbre, Terminal Manager, upon arrival.

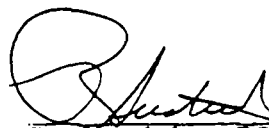
Inspection of the east lagoon area revealed that the clean-up in that area is essentially complete and that active operations are no longer required.

The west lagoon has now been dewatered and divided into two smaller areas, each of which will be underdrained with perforated PVC pipe. The company has cut a main drainage trench and is preparing to lay the pipe at this time. The company also plans to regrade the entire area after the pipe is installed.

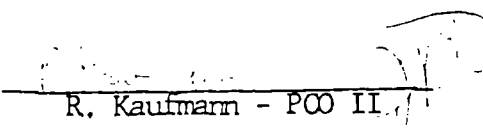
Investigators will inspect the site after the pipe has been laid and again after surface regrading.

Photos: 3

No samples.



R. Sustich - PCO I - Badge #121

Reviewed: 

R. Kaufmann - PCO II

RS/hg

00150

COPY

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525 WEST MONROE STREET • SUITE 1600

CHICAGO, ILLINOIS 60606-3693

TELEPHONE (312) 902-5200

TELECOPIER (312) 902-1061

TELEX 298264 ATLAU UR

WRITER'S DIRECT DIAL NUMBER

(312) 902-5332

180 WEST PARK AVENUE

ELMHURST, ILLINOIS 60126-3307

TELEPHONE (312) 530-7070

223 EAST MONROE STREET

SPRINGFIELD, ILLINOIS 62701-1126

TELEPHONE (217) 753-4490

April 3, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Susan Swales (5HE-12)
Waste Management Division
U.S. EPA - Region V
230 South Dearborn Street
Chicago, IL 60604

Re: Hannah Marine Corporation
Lemont, Illinois

Dear Ms. Swales:

Hannah Marine Corporation ("Hannah") hereby responds to U.S. EPA's requests for information of January 26, 1987. Hannah has made good faith efforts to respond and has spent numerous hours in doing so. However, since the relevant time period spans about thirty-six years, not all of the information requested is available.

Hannah's responses to inquiries calling for written answers are set forth below. Documents have been forwarded to you in response to inquiries calling for a production of documents.

Request No. 1:

1. State the name and address of the owner(s) of the land on which Hannah Marine is situated. Include any past owners/operators of the facility during the operating period.

00159

Response No. 1:

1. The name and address of the owner of the land on which Hannah Marine is situated is as follows:

Metropolitan Sanitary District
of Greater Chicago
100 East Erie Street
Chicago, Illinois

There have been no other owners/operators since 1951.

Request No. 2:

2. Provide copies of all shipping documents, or other business documents including receipts, relating to the transportation, storage, and/or disposal of waste materials at the above referenced site.

Response No. 2:

2. Copies of all documents that may be responsive to this request have been sent to U.S. EPA under separate cover.

Request No. 3:

3. Provide the generic, common or trade name and the chemical composition and character (i.e. liquid, solid, sludge) of the materials transported to, stored, and/or disposed of at the above referenced site.

Response No. 3:

3. All information that may be responsive to this request is contained in material safety data sheets, an analysis reported by Chem-Clear (dated 6/3/82), a "Special Waste Analysis Report" by Chemical Waste Management, Inc. (dated 11/20/81), two Illinois Environmental Protection Agency ("IEPA") Special Waste Disposal Applications (dated 1/29/81 and 2/26/82, respectively),

descriptions of certain cleaning procedures (see Response No. 7), and material submitted in Response No. 10, copies of which have been sent to U.S. EPA under separate cover.

Request No. 4:

4. For each waste material identified above, please give the total volume in gallons for liquids and in cubic yards for solids, for which you disposed of and list the dates when disposal occurred.

Response No. 4:

4. All information that may be responsive to this request is contained in the IEPA Generator Annual Hazardous Waste Reports for the years 1982 through and including 1986, copies of which have been sent to U.S. EPA under separate cover.

Request No. 5:

5. Provide copies of all records, including analytical results, and material safety sheets, which indicate the chemical composition and/or chemical character of the waste material(s) transported to, stored, or disposed of at the above referenced site.

Response No. 5:

5. All information that may be responsive to this request is contained in material safety data sheets, an analysis reported by Chem-Clear (dated 6/3/82), a "Special Waste Analysis Report" by Chemical Waste Management, Inc. (dated 11/20/81), two Illinois Environmental Protection Agency ("IEPA") Special Waste Disposal Applications (dated 1/29/81 and 2/26/82, respectively),

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descriptions of certain cleaning procedures (see Response No. 7), and material submitted in Response No. 10, copies of which have been sent to U.S. EPA under separate cover.

Request No. 6:

.6. Provide a detailed description of daily disposal practices at the above referenced site.

Response No. 6:

6. The response to Request No. 6 has been combined with the response to Request No. 7, below.

Request No. 7:

7. Provide a description of the cleaning procedures of the barges at the above referenced site.

Response Nos. 6 and 7:

6 and 7. Hannah services barges that transport a variety of products in the Chicago area. Often, after initial unloading, the barges may still contain several hundred gallons of virgin product. Hannah removes this remaining product, if any, and/or may clean the barge.

The remaining product is removed from the barge by Hannah's vacuum system. Each respective material is placed in a separate tank and is sold. (On rare occasions, some of the product cannot be sold and is properly disposed of off-site.)

Hannah has special equipment and skills necessary to clean barges, although barges are not necessarily cleaned each time a product is removed from a barge. Details of the cleaning process vary according to the product contained in the barge prior to cleaning. However, common elements of the process include acquiring information about the construction of the barge and the material it contained prior to cleaning, thorough inspection of the barge, steam and/or hot water application prior to human entry, and hand cleaning and additional hot water application if necessary. Detergents may also be used in the cleaning procedure.

Hannah has written descriptions or cleaning procedures for the following materials: gasoline, tallow and bean oils, methyl ethyl ketone, molasses, styrene monomer, ethylene glycol, calcium chloride, and caustic soda solution. They have been sent to U.S. EPA under separate cover.

Varying amounts of wastewater are usually generated during the procedure. The wastewater is removed from the particular compartment by a vacuum system and is transferred to a holding tank. The wastes are then removed from the tank for off-site disposal (or occasionally for sale, if the material is suitable) within about thirty days.

Request No. 8:

8. Provide a customer/user list for the above referenced site. The list is to include available current addresses for each customer. Provide a list of all transporters using the site.

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Response No. 8:

The customer/user list is as follows:

American Commercial Barge Line 1701 E. Market Street Jeffersonville, IN 47130	Canal Barge Company P.O. Box 198 Channahon, IL 60410
Apex Oil Company 4801 South Harlem Forest View, IL 60402	Cargo Carriers, Inc. Box 9300 Minneapolis, MN 55440
Apex Towing Company 11301 Olive Street Road St. Louis, MO 63141	Chotin Transportation P.O. Box 3018 Baton Rouge, LA 70821
Best Foods Units of CPC 2816 S. Kilbourn Avenue Chicago, IL 60623	Conti Carriers Foot of Davis & Ferry Road E. Carondelet, IL 62240
Bigane Vessel Fueling Company 3583 Archer Avenue Chicago, IL 60609	Diamond Shamrock Corp. 1149 Ellsworth Drive P.O. Box 1000 Pasadena, TX 77501
Borg-Warner Chemicals P.O. Box 658 Ottawa, IL 61350	Dixie Carriers, Inc. 2266 Peters Road Harvey, LA 70058
Brent Towing Co., Inc. Lake Ferguson Industrial Harbor Greenville, MS 38701	Dow Chemical Company P.O. Box 500 River Road Plaquemine, LA 70764
Dow Chemical-Texas Division Building A-2813 Freeport, TX 77541	Koch Carbon P.O. Box 2219 Wichita, KS 67201
Dravo Mechling Corp. P.O. Box 52189 400 Poydras Building New Orleans, LA 70152-2189	LCP Chemicals P.O. Box J Monsville, WV 26041
Exxon Shipping Company 3901 Scenic Highway Baton Rouge, LA 70821	Material Service Company P.O. Box 188 Lockport, IL 60441

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Federal Barge Lines
Midland Affiliated Cos.
P.O. Box 1460
Cincinnati, OH 45201

Goodrich, B.F.
P.O. Box 527
Calvert City, KY 42029

Ingram Barge Company
4304 Harding Road
Nashville, TN 37202

K.A. Steel Chemicals, Inc.
1001 Main Street
Lemont, IL 60439

Occidental Chemical Corp.
Hooker Chemical Center
360 Rainbow Boulevard, So.
Niagra Falls, NY 14302

Ohio River Company
P.O. Box 1460
580 Building
Cincinnati, OH 45202

Ole Man River Towing
P.O. Box 186
Vicksburg, MS 39180

PPG Industries
P.O. Box 1000
Lake Charles, LA 70602

Riverway Barge Company
7703 Normandale Rd. Room 110
Minneapolis, MN 55435

Riverway Barge Company
111 West Port Plaza, Suite 716
St. Louis, MO 63141

SC&NO Barge Line, Inc.
12680 Olive Street Road
St. Louis, MO 63141

Midwest Tankerman
P.O. Box 323
Lockport, IL 60441

Mobil Oil Company
10123 Corporate Square Dr.
St. Louis, MO 63132

National Marine Service, Inc.
1750 Brentwood Boulevard
St. Louis, MO 63144

Northern Petrochemical
Box 459
Morris, IL 60450

Service Welding
P.O. Box 352
Lemont, IL 60439

Smith, Arthur Co.
8919 Interchange Drive
Houston, TX 77054

Stolt-Nielsen Inc.
8 South Shore Drive
P.O. Box 2300
Greenwich, CT 06836

Union Carbide Corporation
P.O. Box 8008
Charleston, WV 25303

United Chemical Products
1036 N. Capital Avenue
Indianapolis, IN 46204

Union Oil of California
P.O. Box 7610
Schaumburg, IL 60196

Valley Barge Line
529 N. Chicago Street
Joliet, IL 60432

The transporter list is as follows:

Mr. Frank, Inc. 201 W. 155th Street South Holland, IL 60473	Custom Blended Oils P.O. Box 41 Peotone, IL 60468
Reliable Liquid Control Corp. 7700 W. 88th Street Bridgeview, IL 60455	B & W Chemical 2250 W. 47th Avenue Gary, IN 46408
Viking Associates, Inc. 1530 N. Broadway Joliet, IL 60435	Leader Industries 2000 Bombay Road, Suite 14 Portage, IN 46368
Chicago Tank Cleaners Route 6 Box 256 Lockport, IL 60441	Denver Nettles 1148 Denver Drive Carpentersville, IL
Liquid Dynamics 655 E. 114th Street Chicago, IL 60628	All American Tank Cleaners P.O. Box 129 Willow Springs, IL 60480
American Energy 2000 Dombey Road Portage, IN 46368	

Request No. 9:

9. Provide a list of all pollution control permits obtained for the above referenced site (NPDES, RCRA).

Response No. 9:

IEPA has issued the following waste stream permits for Hannah:

- No. 960608
Issued to: Century Oil, Inc.
13005 Hamlin Court
Alsip, Illinois 60658
For: waste product
- No. 996032
Issued to: Chem-Clear, Inc.
11800 S. Stony Island Avenue
Chicago, Illinois 60617
For: caustic waste water

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- No. 000052
Issued to: Chem-Clear, Inc.
11800 S. Stony Island Avenue
Chicago, Illinois 60617
For: waste from cleaning of tanks and equipment.
- No. 921838
Issued to: Liquid Dynamics
655 E. 114th Street
Chicago, Illinois 60628
For: contaminated diluted caustic
- No. 921156
Issued to: CID Corp.
P.O. Box 1306
Calumet City, Illinois 60409
For: contaminated diluted caustic water
- No. 820507
Issued to: CID Corp.
P.O. Box 1306
Calumet City, Illinois 60409
For: caustic waste water
- No. 996032
Issued to: Chem-Clear, Inc.
11800 S. Stony Island
Chicago, Illinois 60617
For: caustic waste water
- No. 800302
Issued to: Chemical Waste Management of Illinois
P.O. Box 1296
Calumet City, Illinois 60409
For: caustic waste water
- No. 995677
Issued to: American Recovery
Riley Road
East Chicago, Indiana 46312
For: waste hydrocarbons

IEPA has also issued special waste hauling permits to Hannah for the years 1981 and 1983 through 1987. Each bears the number 0986. Copies of those permits have been sent to U.S. EPA under separate cover. (Presumably, a permit was also issued for 1982, but it cannot be located.)

Request No. 10:

10. Provide a description and map of all lagoons, evaporation ponds, and discharge points (opened or closed) at the above referenced site.

Response No. 10:

A diagram of the site displaying the requested information has been sent to U.S. EPA under separate cover. The diagram indicates former "evaporation ponds." The evaporation ponds are no longer on the facility. They were removed under the direction of the Metropolitan Sanitary District in 1979. The actual removal was performed by Browning-Ferris Industries. All documents relating to the removal have also been sent to U.S. EPA.

Request No. 11:

11. Provide a list and description of all liability insurance coverage that is or was carried by you, including any self-insurance provisions that relate to hazardous substances and/or the facility identified above, and copies of all these insurance policies.

Response No. 11:

Copies of Hannah's insurance policies have been sent to U.S. EPA under separate cover. They are as follows:

- Fireman's Fund, Policy No. 2-64-MXP-457-73-65
Policy Period 7/14/82 to 6/9/85
- Fireman's Fund, Policy No. 2-64-MXX-80079578
Policy Period 6/9/85 to 6/9/86
- Fireman's Fund, Policy No. 2-64-MXX-80139960
Policy Period 6/9/86 to 6/9/87
- A \$5 million umbrella policy is currently in effect for the facility. Efforts are being made to locate a copy of the facility, and will be submitted to U.S. EPA when it is obtained.

Hannah Marine has made all reasonable efforts to answer each request as fully as possible. However, the definition of "waste materials" in the January 26, 1987 information request is exceedingly broad and does not comport with any definition under the Resource Conservation and Recovery Act, 42 U.S.C. §6901 et seq., as amended, or the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. 9601 et seq., as amended, or any regulations thereunder. No response to the request is intended to be an admission that U.S. EPA is lawfully entitled to the information it has requested, or that any particular action by Hannah subjects it to any statutory, regulatory, or other requirement, and shall not be so understood.

The written statements submitted pursuant to the January 26, 1987 request will be notarized and submitted under the signature of a duly authorized corporate official (who is currently not in the continental United States) certifying that all information contained in such statements is true and accurate to the best of the signatory's knowledge and belief, that a diligent search for all documents responsive to the request has been completed (except as noted), and that all documents submitted to Region V pursuant to the information request are true and authentic to the best of the signatory's knowledge and belief. However, neither 42 U.S.C. §9604(e), nor 42 U.S.C. §6927 contains a requirement for such a signature or certification. Hannah's agreement to provide the signature and certification is not intended to be an admission that U.S. EPA has the authority to require them, or that Hannah is subject to any statutory, regulatory, or other requirement, and shall not be so understood. Hannah waives no rights in responding to the information request.

KATTEN, MUCHIN, ZAVIS, PEARL, GREENBERGER & GALLER

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Should you have any questions about this response,
kindly contact me at the above number. Thank you for your
cooperation.

Very truly yours,

A handwritten signature in cursive script that reads "Carey S. Rosemarin". The signature is written in dark ink and is positioned above the typed name.

Carey S. Rosemarin

CSR/kp

00170

RESPONSE NO. 10

00171



Browning-Ferris Industries

CHEMICAL SERVICES, INC.
P. O. Box A
Lemont, IL 60439
PHONE (312) 257-7707

25006186

NUMBER

INVOICE
TO

Hannah Inland Waterways Transport
Route 83 and Route 171
Lemont, IL 60439

Attn: Dave Updegraff

ITEM	JOB	PURCHASE ORDER	
05	0375	Verbal per Dave Updegraff	
NO	NO.	REQUISITION NO.	
CUSTOMER		INVOICE DATE	TERMS
New		12/19/79	Net/30
NUMBER		MO DAY YR	

GENERAL DESCRIPTION OF WORK PERFORMED

ONSITE CLEAN UP OF BARGE CLEANING WASTES

DEPT	CHEM CODE	TAX CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1010			12/13/79				
			Loader	9.50	hrs	104.00	\$ 988.00 ✓
			Transport to Waukegan	10	lds	310.00	3,100.00 ✓
			Disposal	180	cy	22.50	4,050.00 ✓
			12/14/79				
			Loader	9.50	hrs	104.00	988.00 ✓
			Transport to Waukegan	10	lds	310.00	3,100.00 ✓
			Disposal	180	cy	22.50	4,050.00 ✓
			12/17/79				
			Loader	10.0	hrs	104.00	1,040.00 ✓
			Transport to Waukegan	10	lds	310.00	3,100.00 ✓
			Disposal	180	cy	22.50	4,050.00 ✓
			12/18/79				
			Loader	9.25	hrs	104.00	962.00 ✓
			Transport to Waukegan	10	lds	310.00	3,100.00 ✓
			Disposal	180	cy	22.50	4,050.00 ✓
			SUB-TOTAL				\$32,578.00

TO INSURE PROMPT AND ACCURATE CREDITING OF YOUR
ACCOUNT INCLUDE WITH YOUR REMITTANCE

① CUSTOMER NUMBER ② INVOICE NUMBER

PLEASE REMIT TO: BFI

P. O. BOX 200,070 HOUSTON, TEXAS 77216

\$

TOTAL

32,578.00

AMOUNT DUE

00172

ORIGINAL INVOICE

**Browning-Ferris Industries**

CHEMICAL SERVICES, INC.

SERVICE RECEIPT AND LOG

Service Receipt No. _____ P. O. No. _____

Plant 1150114 Division 2 Bldg. No. _____Equipment LOADER Job Scope _____

BFI-Chemical Services Div., Inc.

Job No. _____ Req. No. _____ J. O. or Acct. No. _____

EQUIPMENT

TRUCK NO.	TYPE	ARRIVAL		DEPARTURE		REMARKS
		DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	
57	12	6-30	4:00			NO LUNCH
						12-12-79

LABOR

NO. & CLASSIFICATION	ARRIVAL		DEPARTURE		REMARKS
	DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

CHEMICALS

NAME	QUANTITY	REMARKS

MISCELLANEOUS

(Hoses, Rental Equip., Extra Pumps, Hauling Off Spent Chemicals, Etc.)

DESCRIPTION	QUANTITY	REMARKS

PREPARE IN TRIPLICATE: 1st & 2nd Copy - Return With Job Log
AND SIGN 3rd Copy - Give to Customer

00173



Browning-Ferris Industries

CHEMICAL SERVICES, INC.

SERVICE RECEIPT AND LOG

Service Receipt No. _____ P. O. No. _____

Plant HAWNAH Division LE MONT TERMINAL Bldg. No. _____

Equipment LOADER Job Scope SLUDGE CLEAN UP

BFI-Chemical Services Div., Inc.

Job No. _____ Req. No. _____ J. O. or Acct. No. _____

EQUIPMENT

TRUCK NO.	TYPE	ARRIVAL		DEPARTURE		REMARKS
		DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	
148	17	530	1116	400		to LUNCH 12-17-79
						Sludge hauling 12-17-79
155	18	545	1116	230		to LUNCH
						Sludge hauling 12-18-79

LABOR

NO. & CLASSIFICATION	ARRIVAL		DEPARTURE		REMARKS
	DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

CHEMICALS

NAME	QUANTITY	REMARKS

MISCELLANEOUS

(Hoses, Rental Equip., Extra Pumps, Hauling Off Spent Chemicals, Etc.)

DESCRIPTION	QUANTITY	REMARKS

PREPARE IN TRIPLICATE: 1st & 2nd Copy - Return With Job Log
AND SIGN 3rd Copy - Give to Customer

00174



Browning-Ferris Industries

CHEMICAL SERVICES, INC.

SERVICE RECEIPT AND LOG

Service Receipt No. _____ P. O. No. _____

Plant HANNAH Division LEMON TERRACE Bldg. No. _____

Equipment LOADER Job Scope SLUDGE

FI-Chemical Services Div., Inc.

Job No. _____ Req. No. _____ J. O. or Acct. No. _____

EQUIPMENT

JCK NO.	TYPE	ARRIVAL		DEPARTURE		REMARKS
		DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	
00	11/	10-30-79	4:30			SLUDGE

LABOR

NO. & CLASSIFICATION	ARRIVAL		DEPARTURE		REMARKS
	DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

CHEMICALS

NAME	QUANTITY	REMARKS

MISCELLANEOUS

(Hoses, Rental Equip., Extra Pumps, Hauling Off Spent Chemicals, Etc.)

DESCRIPTION	QUANTITY	REMARKS

PREPARE IN TRIPLICATE: 1st & 2nd Copy - Return With Job Log
AND SIGN 3rd Copy - Give to Customer

00177

OPERATOR

CUSTOMER REPRESENTATIVE

DATE _____ 19__

PAYABLE

POSTED

Browning Ferris

VOUCHER NO.

12.180

CHECK NO.

15022

DATE PAID.

12.20.79

EXPLANATION:

AUDITED	APPROVED	ENTERED	DATE ENTERED

00176

VOUCHER NO.

11-562

CHECK NO.

Cash

DATE PAID.

12/14/79

DATE _____

41310

H 163

2020950

CREDIT

TOTAL

DISCOUNT %

NET

EXPLANATION:

AUDITED

APPROVED

ENTERED

DATE
ENTERED

00177



Browning-Ferris Industries
CHEMICAL SERVICES, INC.

SERVICE RECEIPT AND LOG

Service Receipt No. _____ P. O. No. _____

Plant HAWNAH Division LEMON TERMINAL Bldg. No. _____

Equipment LOADER Job Scope _____

BFI-Chemical Services Div., Inc.

Job No. _____ Req. No. _____ J. O. or Acct. No. _____

EQUIPMENT

TRUCK NO.	TYPE	ARRIVAL		DEPARTURE		REMARKS
		DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	
110	12	12-11-79	4:00			NO LUNCH
						David V. Feltner
						12-12-79
111	12	12-11-79	4:20	12-11-79	4:20	

LABOR

NO. & CLASSIFICATION	ARRIVAL		DEPARTURE		REMARKS
	DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

CHEMICALS

NAME	QUANTITY	REMARKS

MISCELLANEOUS

(Hoses, Rental Equip., Extra Pumps, Hauling Off Spent Chemicals, Etc.)

DESCRIPTION	QUANTITY	REMARKS

PREPARE IN TRIPLICATE: 1st & 2nd Copy - Return With Job Log
AND SIGN 3rd Copy - Give to Customer

00178

Browning-Ferris Industries

CHEMICAL SERVICES, INC.
P. O. Box A
Lemont, IL 60439
PHONE (312) 257-7707

NUMBER

INVOICE
TO

Hannah Inland Waterways Transport
Route 83 and Route 171
Lemont, IL 60439

ATTN: David Updegraff

ELSM	JOB	PURCHASE ORDER	
11	0375	Verbal Dave Updegraff	
NO	NO	REQUISITION NO.	
CUSTOMER		INVOICE DATE	TERMS
NEW		12/14/79	Net 30
NUMBER		MO DAY YR	

GENERAL DESCRIPTION OF WORK PERFORMED

Onsite Clean Up of Barge Cleaning Wastes.

DEPT.	CHEM CODE	TAX CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
			11/7 Permit & Analysis (1107-I-01, 10,000 gals barge cleanings & water)	1	P&A	402.00	402.00
			11/8 Transport - WKGN Disposal Liquid	1 4500	ld. gal	310.00 0.16	310.00 720.00
			12/4 Permit & Analysis (1204-I-01, 1,500 cy contaminated soil)	1	P&A	402.00	402.00
			12/9 Loader	2.5	hrs	104.00	260.00
			12/10 Loader	9.0	hrs	104.00	936.00
			Transport WKGN	4	lds	310.00	1,240.00
			Disposal - Solid	71	cy.	22.50	1,597.50
			12/11 Loader	9.0	hrs	104.00	936.00
			Transport WKGN	9	lds	310.00	2,790.00
			Disposal - Solid	144	cy.	22.50	3,240.00
			Disposal - Liquid	4500	gal	0.16	720.00
			12/12 Loader	9.0	hrs	104.00	936.00
			Transport WKGN	8	lds	310.00	2,480.00
			Disposal - Solid	144	cy.	22.50	3,240.00
1010			SUB TOTAL				\$20,209.50

TO INSURE PROMPT AND ACCURATE CREDITING OF YOUR
ACCOUNT INCLUDE WITH YOUR REMITTANCE

① CUSTOMER NUMBER ② INVOICE NUMBER

PLEASE REMIT TO: BFI

P. O. BOX 200,070 HOUSTON, TEXAS 77216

OK Paul
12-14-79

TOTAL
\$ 20,209.50
AMOUNT DUE

ORIGINAL INVOICE

00179



Browning-Ferris Industries

CHEMICAL SERVICES, INC.

SERVICE RECEIPT AND LOG

Service Receipt No. _____ P. O. No. _____

Plant Hannah Division Lemont Terminal Bldg. No. _____

Equipment _____ Job Scope MIX + LOAD CONTAMINATED MATH

BFI-Chemical Services Div., Inc.

Job No. _____ Req. No. _____ J. O. or Acct. No. _____

EQUIPMENT

TRUCK NO.	TYPE	ARRIVAL		DEPARTURE		REMARKS
		DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	
101	Lowboy	8/22/79				25 HPS 1100-1145-52
102	Lowboy	8/22/79	11:00			1100-1145-52
103	Lowboy	8/22/79	11:00			1100-1145-52

LABOR

NO. & CLASSIFICATION	ARRIVAL		DEPARTURE		REMARKS
	DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

CHEMICALS

NAME	QUANTITY	REMARKS

MISCELLANEOUS

(Hoses, Rental Equip., Extra Pumps, Hauling Off Spent Chemicals, Etc.)

DESCRIPTION	QUANTITY	REMARKS

PREPARE IN TRIPLICATE: 1st & 2nd Copy - Return With Job Log
AND SIGN 3rd Copy - Give to Customer

Form 200-A

OPERATOR

CUSTOMER REPRESENTATIVE

00180

CHEMICAL SERVICES, INC. P.O. BOX A, LEMONT, ILL. 60439	
JOB NUMBER <u>375</u>	
CUSTOMER <u>HANNAH INLAND WATERWAY</u>	DATE <u>11-08</u> 19 <u>79</u>
ADDRESS _____	DRIVER <u>CHICK</u>
CITY & STATE <u>LEMONT, ILL</u>	UNIT NO. <u>7170-687</u>
DESCRIPTION OF WORK	
LIQUID WASTE DESCRIPTION <u>MISC. TANK</u>	TIME RECORD
<u>CLIP 1105</u>	LOADING TIME
DISPOSAL PERMIT NUMBER <u>0</u>	TIME START <u>07:15</u> AM
REMARKS _____	ARRIVAL TIME <u>07:30</u> AM
	DELAY TIME _____ HOURS
	DEPARTURE TIME <u>12:15</u> PM
	TOTAL HOURS <u>6:15</u>
	HOLD OVER TIME
	HOLD OVER <input type="checkbox"/> YES <input type="checkbox"/> NO
CUSTOMER INFORMATION	ARRIVED AT YARD _____ AM
QUANTITY LOADED <u>1.5 - 55 GALS</u>	TIME CONTINUED ON W.O. NO. _____
CUSTOMER DELAYS _____	DATE <u>11-08</u> 19 <u>79</u>
	DRIVERS SIGNATURE _____
	DEPARTURE TIME _____ PM
CUSTOMERS SIGNATURE	UNLOADING TIME
BREAKDOWN TIME	ARRIVAL TIME <u>07:30</u> AM
BREAKDOWN DELAY _____	BEGIN UNLOADING <u>07:30</u> AM
	DELAY TIME _____ HOURS
	COMPLETE UNLOADING _____ PM
	DEPARTURE TIME _____ PM
	TOTAL TIME _____ HOURS
UNLOADING INFORMATION	BREAKDOWN TIME
NAME OF DISPOSAL SITE <u>CHICK</u>	OUT OF SERVICE _____ PM
<u>CHICK</u>	RETURNED SERVICE _____ PM
THIS MATERIAL HAS BEEN RECEIVED AND WILL BE DISPOSED OF IN ACCORDANCE WITH:	TOTAL TIME _____ HOURS
PERMIT NUMBER _____	COMPLETION TIME
ISSUED BY _____	TIME CONTINUED ON W.O. NO. _____
UNLOADING POINT DELAYS _____	RETURNED TO YARD _____ AM
	ARRIVAL TIME _____ AM
	TOTAL HOURS _____
<u>CHICK</u>	<u>CHICK</u>
DISPOSAL SITE SIGNATURE	DRIVERS SIGNATURE



analytical report

analysis no.: 63066

21 November 1979

- BROWNING-FERRIS IND.
P. O. Box A
Lemont, Il. 60439

Attn: Mr. George Zurowski

cc: Bob Piet; Schaumburg/Browning-Ferris; Houston

date taken:

date received:

date analyzed:

11/13/79 1535

11/14/79

SAMPLE DESCRIPTION: Hannah - Tank Truck

Alkalinity	0.80	%	Mercury	0.07	ppm
Arsenic	0.36	ppm	Nickel	34.	ppm
Cadmium	1.52	ppm	pH	12.35	@ 25° C
Chromium, tot.	14.9	ppm	Solids, total	29.97	%
Copper	16.5	ppm	Zinc	40.3	ppm
Cyanide, total	0.22	ppm	Flash Point	185° F	Flash Poi
Lead	80.1	ppm			

Stan Jaworski



00182



analytical report

analysis no.: 63067

21 November 1979

• BROWNING-FERRIS IND.
P. O. Box A
Lemont, Il. 60439

Attn: Mr. George Zurowski

cc: Bob Piet; Schaumburg/Browning-Ferris; Houston

date taken:

date received:

date analyzed:

11/13/79 1535

11/14/79

SAMPLE DESCRIPTION: Hannah - East Pond Sludge

Alkalinity	2.06	%	Mercury	0.49	ppm
Arsenic	2.78	ppm	Nickel	64.	ppm
Cadmium	3.96	ppm	pH	12.50	@ 25° C
Chromium, tot.	32.2	ppm	Solids, total	35.45	%
Copper	37.4	ppm	Zinc	93.7	ppm
Cyanide, total	9.58	ppm	Flash Point	110° F	Flash Poi
Lead	144.	ppm			

Stan Jowers



00183¹⁰²



analytical report

analysis no.: 63068

21 November 1979

BROWNING-FERRIS IND.
P. O. Box A
Lemont, Il. 60439

Attn: Mr. George Zurowski

cc: Bob Piet; Schaumburg/Browning-Ferris; Houston

date taken:

date received:

date analyzed:

11/13/79 1535

11/14/79

SAMPLE DESCRIPTION: Hannah - Sump Pit

Alkalinity	1.31	%	Mercury	0.01	ppm
Arsenic	0.07	ppm	Nickel	1.2	ppm
Cadmium	0.18	ppm	pH	9.70	@ 25° C
Chromium, tot.	0.10	ppm	Solids, total	3.31	%
Copper	0.78	ppm	Zinc	1.55	ppm
Cyanide, total	1.39	ppm	Flash Point	212° F	Flash Point
Lead	18.8	ppm			

Starfarch

00184

A-102



BROWNING-FERRIS INDUSTRIES
CHEMICAL SERVICES, INC.
300 FANNIN BANK BUILDING
HOUSTON, TEXAS 77030

HANNAH INLAND WATERWAYS 536 00 39190-4 04/16/80
CONSTRUCTORS
RT 83 & ROUTE 171
LEWONT IL 60439

GENTLEMEN:

BELOW IS A DETAIL OF ALL INVOICES OPEN ON YOUR ACCOUNT WHICH
HAD NOT BEEN PAID ON THE FIRST OF THE MONTH. SOME OF THESE
INVOICES EXCEED THE NET 30 DAY TERMS WHICH YOU AGREED TO IN
CONSIDERATION FOR THE EXTENSION OF CREDIT.

IF THERE IS ANY PROBLEM WHICH HAS HELD UP PAYMENT THAT WE CAN
HELP WITH, PLEASE LET US KNOW. YOUR REMITTANCE OR AN EXPLANATION
OF THE PROBLEM HOLDING UP PAYMENT WILL BE APPRECIATED. YOU
MAY CONTACT US AT 713-790-1611 OR P.O. BOX 3151, HOUSTON, TX.,
77001.

- - - - - I N V O I C E - - - - -

INV#-PD#	DATE	AMOUNT	PAY/CR/ADJ	NET
6284	01/17/80	7,033.00	.00	7,033.00
	VERBAL-DA			

=====

TOTAL NOW DUE 7,033.00

SINCERELY,

M. K. STALDER
CREDIT DEPARTMENT

00185



Browning-Ferris Industries
CHEMICAL SERVICES, INC.

SNAP-OUT SEND WHITE AND PINK COPIES WITH CARBON
& TYPEWRITER OR HAND USE

Rapid Memo 98-132 Tr

APID MEMO

M.K. STALDER
Credit Manager

P.O. Box 3151 / Houston, Texas 77001 / (713) 790-1611

FROM

M. K. Stalder

BFI

now paid?

SUBJECT :

Invoice #6284 dated 1-17-80

DATE

4-1-80

MESSAGE

Mr. Stoechert, I had talked with your accounts payable department last Friday in reference to the above subject invoice being past due. They suggested I send a copy to you. I need to find out if there is some reason this invoice has not been paid. Any help you can give in getting this paid as soon as possible will be very much appreciated.

SIGNED

REPLY

SIGNED

DATE

FORM 98-132 TRIP
A BOORUM & PEASE PRODUCT

THIS COPY FOR PERSON ADDRESSED

00186



Browning-Ferris Industries

CHEMICAL SERVICES, INC.
P. O. Box 4
Lemont, IL 60439
PHONE (312) 257-7707

21

6-13

Hannah Inland Waterways Transport
Route 83 and Route 171
Lemont, IL 60439

Attn: David Updegraff

SLSM	JOB		
05	0375	Verbal-Dave Updegraff	
14-15	16-19		
CUST NO		INV DATE	
290000		01-17-80	
20 26		27 29 31 78 30 32	Net 30

Onsite Clean-Up of Barge Cleaning Wastes.

DEPT 33 36	CHEM 37 40	TIME 67 70		QTY 41 47	UNIT 48 50	UNIT PRICE 51 56	AMOUNT 57 66	DISCOUNT 57 66
			12-27 Loader	8.5	hrs	104.00	\$ 884.00	
			Transport	5	ld.	310.00	1550.00	
			Disposal	90	yd.	22.50	2025.00	
			12-28 Loader	8.5	hrs	104.00	884.00	
			Transport	2	ld.	310.00	620.00	
			Disposal	36	yd.	22.50	810.00	
			12-29 thru 1-3 Loader Standby	2.5	Hrs	104.00	260.00	
1010			... SUB TOTAL				7033.00	

RECEIVED
FEB 1980
ACCOUNTING

DO NOT KEY PUNCH SHADED
AREAS

TOTAL

7,033.00

00187



Browning-Ferris Industries

CHEMICAL SERVICES, INC.
P. O. Box A
Lemont, IL 60439
PHONE (312) 257-7707

25006284
NUMBER

INVOICE
TO

Hannah Inland Waterways Transport
Route 83 and Route 171
Lemont, IL 60439

Attn: David Updegraff

BLM	JOB	PURCHASE ORDER	
05	0375	Verbal-Dave Updegraff	
NO.	NO.	REQUISITION NO.	
CUSTOMER		INVOICE DATE	TERMS
NEW		01-17-80	Net 30
NUMBER		MO DAY YR	

GENERAL DESCRIPTION OF WORK PERFORMED

Onsite Clean-Up of Barge Cleaning Wastes.

DEPT.	CHEM CODE	TAX CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1010			12-27 Loader	8.5	hrs	104.00	\$ 884.00
			Transport	5	ld.	310.00	1550.00
			Disposal	90	yd.	22.50	2025.00
			12-28 Loader	8.5	hrs	104.00	884.00
			Transport	2	ld.	310.00	620.00
			Disposal	36	yd.	22.50	810.00
			12-29 thru 1-3				
			Loader Standby	2.5	Hrs	104.00	260.00
			SUB TOTAL				7033.00
			H/63				

IF YOU'RE NOT SATISFIED WITH
THIS INVOICE, PLEASE CONTACT US
AT 312-257-7707.

OK
2-4-80

TO INSURE PROMPT AND ACCURATE CREDITING OF YOUR
ACCOUNT INCLUDE WITH YOUR REMITTANCE

① CUSTOMER NUMBER ② INVOICE NUMBER

PLEASE REMIT TO: BFI

P. O. BOX 200,070 HOUSTON, TEXAS 77216

TOTAL
\$ 7,033.00
AMOUNT DUE

ORIGINAL INVOICE

00188

25006216

NUMBER



Browning-Ferris Industries

INVOICE
TO

Hannah Inland Waterways Transport
Route 83 & Route 171
Lemont, IL 60439

ATTN: Dave Updegraff

SLSM	JOB	PURCHASE ORDER	
11	0375	Verbal per D. Updegraff	
NO	NO	REQUISITION NO.	
CUSTOMER		INVOICE DATE	TERMS
NEW		12/27/79	Net 30
NUMBER		MO DAY YR	

GENERAL DESCRIPTION OF WORK PERFORMED

On-Site Clean Up.

DEPT.	CHEM CODE	TAX CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1010			12/19 End Loader	8.5	hrs	104.00	884.00 ✓
			Transport	4	lds	310.00	1,240.00 ✓
			Disposal	72	yds	22.50	1,620.00 ✓
			12/20 End Loader	8.0	hrs	104.00	832.00 ✓
			Transport	6	lds	310.00	1,860.00 ✓
			Disposal	108	yds	22.50	2,430.00 ✓
			12/21 End Loader	7.0	hrs	104.00	728.00 ✓
			Transport	5	lds	310.00	1,550.00 ✓
			Disposal	90	yds	22.50	2,025.00 ✓
			12/26 End Loader	5.5	hrs	104.00	572.00 ✓
			Transport	2	lds	310.00	620.00 ✓
			Disposal	36	yds	22.50	810.00 ✓
			SUB TOTAL				\$15,171.00 ✓
			<div style="border: 1px solid black; border-radius: 50%; padding: 20px; transform: rotate(-10deg); display: inline-block;"> <i>Dec 1979 VR same as previous Job #</i> </div>				

TO INSURE PROMPT AND ACCURATE CREDITING OF YOUR
ACCOUNT INCLUDE WITH YOUR REMITTANCE

① CUSTOMER NUMBER

② INVOICE NUMBER

PLEASE REMIT TO: BFI

P.O. BOX 200,070 HOUSTON, TEXAS 77095

TOTAL

\$ 15,171.00

AMOUNT DUE

ORIGINAL INVOICE

00190



Browning-Ferris Industries

CHEMICAL SERVICES, INC.

SERVICE RECEIPT AND LOG

Service Receipt No. _____ P. O. No. _____

Plant HERNIMH Division Leont Terminal Bldg. No. _____

Equipment LOADER Job Scope SLUDGE-BLIND

BFI-Chemical Services Div., Inc.

Job No. 1000

Req. No. _____ J. O. or Acct. No. _____

EQUIPMENT

TRUCK NO.	TYPE	ARRIVAL		DEPARTURE		REMARKS
		DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

LABOR

NO. & CLASSIFICATION	ARRIVAL		DEPARTURE		REMARKS
	DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

CHEMICALS

NAME	QUANTITY	REMARKS

MISCELLANEOUS

(Hoses, Rental Equip., Extra Pumps, Hauling Off Spent Chemicals, Etc.)

DESCRIPTION	QUANTITY	REMARKS

PREPARE IN TRIPLICATE: 1st & 2nd Copy - Return With Job Log
AND SIGN 3rd Copy - Give to Customer

**Browning-Ferris Industries**

CHEMICAL SERVICES, INC.

SERVICE RECEIPT AND LOG

Service Receipt No. _____ P. O. No. _____

Plant HANNATH Division LEONANT TERNAL Bldg. No. _____Equipment LOADER Job Scope _____

BFI-Chemical Services Div., Inc.

Job No. 1575

Req. No. _____ J. O. or Acct. No. _____

EQUIPMENT

TRUCK NO.	TYPE	ARRIVAL		DEPARTURE		REMARKS
		DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	
11	1	1230	7:11 L	1230		1 HR LUNCH
						Driver's Salaries 12-21-79
121	21	1230	7:11 L	1230		
						Driver's Salaries 12-21-79

LABOR

NO. & CLASSIFICATION	ARRIVAL		DEPARTURE		REMARKS
	DATE	TIME (A.M. or P.M.)	DATE	TIME (A.M. or P.M.)	

CHEMICALS

NAME	QUANTITY	REMARKS

MISCELLANEOUS

(Hoses, Rental Equip., Extra Pumps, Hauling Off Spent Chemicals, Etc.)

DESCRIPTION	QUANTITY	REMARKS

PREPARE IN TRIPLICATE: 1st & 2nd Copy - Return With Job Log
AND SIGN 3rd Copy - Give to Customer

00192

PAYABLE TO: Edwoning Ferris ✓

VOUCHER NO. 12.752
CHECK NO. 15062
DATE PAID 1-2-80

DATE		ACCT. NO.	DESCRIPTION		DEBIT			CREDIT		
		4131.10	N163			15171.00				
				</						

EXPLANATION:

AUDITED	APPROVED	ENTERED	DATE ENTERED

00123

KATTEN MUCHIN & ZAVIS

525 WEST MONROE STREET • SUITE 1600

CHICAGO, ILLINOIS 60606-3693

TELEPHONE (312) 902-5200

TELECOPIER (312) 902-1061

TELEX 298264 ATLAU UR

180 WEST PARK AVENUE
ELMHURST, ILLINOIS 60126-3307
TELEPHONE (312) 530-7070

223 EAST MONROE STREET
SPRINGFIELD, ILLINOIS 62701-1126
TELEPHONE (217) 753-4490

WRITER'S DIRECT DIAL NUMBER

902-5332

STUART N. GREENBERGER
(932 - 1986)

May 14, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Susan Swales
CERCLA Enforcement Section (5HE-12)
U.S. Environmental Protection Agency
230 South Dearborn Street
Chicago, Illinois 60604

Re: Hannah Marine Corporation
Lemont, Illinois

Dear Ms. Swales:

On May 4, 1987 Hannah Marine Corporation ("Hannah") received the U.S. Environmental Protection Agency's ("EPA") letter dated April 30, 1987. That letter was a sequel to EPA's information request of January 26, 1987, and contained a second request for information.

As Hannah stated in its response of April 3, 1987, the relevant time period of EPA's response extends over a period of about thirty-six years, and not all of the information is available. Previously, Hannah made good faith efforts to respond to EPA's request and produced several thousand pages of documents. Included herewith are additional documents, located after the April 3, 1987 response was submitted, which may be responsive to Request No. 5. They are comprised of copies of the permits listed in Response No. 9, to the extent that they had not previously been submitted.

Upon receipt of EPA's April 30, 1987 letter, Hannah conducted yet another search and found no additional responsive documents. Hannah has also conducted additional interviews with present and former employees and has made additional inquiries in response to

RECEIVED
MAY 18 1987
U.S. EPA, REGION V
WASTE MANAGEMENT DIVISION
HAZARDOUS WASTE ENFORCEMENT GROUP

KATTEN MUCHIN & ZAVIS

Ms. Susan Swales
May 14, 1987
Page 2

EPA's April 30 letter. During these interviews and inquiries certain notes were generated by me, or at my direction. Those notes are protected by the attorney-client privilege and the attorney work-product doctrine, both of which are hereby asserted. Without waiving the aforementioned privilege or doctrine, additional information that may be relevant to EPA's most recent requests is included below.

EPA requested information about "disposal of wastes into the canal," although the original letter contained no such specific request. Two pathways by which liquid wastes have been disposed into the Chicago Sanitary Ship Canal were clearly indicated on the diagrams provided in response to Request No. 10.

One is the discharge from Hannah's sewage treatment plant. About 600 gallons per day are discharged. This effluent is sampled and analyzed weekly by the Chicago Metropolitan Sanitary District. It is comprised solely of non-process domestic waste water from the plant. An on-site well whose age is unknown supplies water for use in the commodes. Water for all other domestic purposes is trucked to the site.

The other pathway is the "boiler blowdown." This pathway was permanently sealed in 1987 and is no longer in use. When it was in use, it transferred water by means of a 4-inch pipe from the boiler (used to heat water for cleaning barges) to the Chicago Sanitary Ship Canal. Water was supplied to the boiler from the Canal, and was supplemented by the above-referenced well. A water softening agent was added to prevent scaling, and when in use, the boiler was "blown down" an average of once every twelve hours or so. During each of these occasions, approximately 100 gallons were discharged to the Canal.

Additional investigation also revealed that in mid-1981 and on previous occasions, rainwater was pumped from the diked areas around the "vac tanks" and storage tanks (shown on the more comprehensive of the two diagrams previously submitted) to the Canal. It is believed that this was done a total of approximately six times.

EPA also requested additional information regarding the quantities and types of wastes disposed in the evaporation ponds (see Response No. 10), as well as the location which Browning

00195

KATTEN MUCHIN & ZAVIS

Ms. Susan Swales
May 14, 1987
Page 3

Ferris Industries used for the disposal of the wastes taken from the ponds when they were removed. Hannah has had only limited success in finding the relevant information.

First, please note that the documents that Hannah previously submitted to EPA indicate that the evaporation ponds were removed in December 1979, almost a year before the effective date of the Resource Conservation and Recovery Act Subtitle C regulations. Therefore, Hannah has no RCRA manifest showing their desitnation. However, Hannah has learned from Browning Ferris that the material removed from the ponds was taken to the Winthrop Harbor - BFI No. 1 facility in Waukegan, Illinois.

At all times during their use, the ponds were only used for the disposal of wash water from the on-site waste tank, assuming the waste tank predated the ponds, which is not known. The waste tank contained wash water resulting from the barge cleaning process. For the most part, until about 1976 Hannah cleaned barges containing only asphalt and petroleum products. After that time it cleaned barges containing other types of products.

In the course of its recent interviews, Hannah has learned that the ponds were not continuously used since the inception of Hannah's operations at the Lemont facility. It is not known when the ponds were first constructed (if they were constructed at all) or when they were first used.

At various times Hannah apparently disposed of the contents of the waste tank by several means. As far as can be determined, it appears that Hannah had the wastewater transported by barge to the ECI Refinery in East Chicago, Indiana (around 1975). Later, the wastewater was trucked off-site by Waste Management, Inc. (around 1978). Finally, the ponds were used. The exact time periods of these activities is not known.

Finally, Hannah has been informed that it had on its site two pits into which waste petroleum products were placed. It is believed that these pits were located in the area where the tank farm is currently located and that they were removed approximately twenty years ago. Nothing more is known about these pits, assuming they actually existed.

00126

KATTEN MUCHIN & ZAVIS

Ms. Susan Swales
May 14, 1987
Page 4

Hannah has again made all reasonable efforts to answer each request as fully as possible. The information conveyed herein is an accurate reflection of the results of Hannah's additional investigation. It is true to Hannah's best knowledge and belief, but has not been independently verified.

Nothing stated herein is intended to be an admission that U.S. EPA is lawfully entitled to the information it has requested, or that any particular action by Hannah subjects it to any statutory, regulatory, or other requirement, and shall not be so understood. Hannah waives no rights in responding to EPA's information requests.

Should you have any questions about this response, kindly contact me at the above number. Thank you for your cooperation.

Very truly yours,



Carey S. Rosemarin

CSR/djn
Enclosures

00197



217/782-6762

DECEMBER 05, 1985
APPLICATION RECEIVED: 11/18/85
PERMIT NUMBER: 996032-0316000051
PERMIT ISSUED TO:

WASTE STREAM NUMBER: 996032
PERMIT EXPIRES: 12/22/89

CHEM-CLEAR INC
11600 S STONY ISLAND AVE
CHICAGO, IL 60617

CHEM-CLEAR INC
11600 S STONY ISLAND AVE
CHICAGO, IL 60617

WASTE NAME: CAUSTIC WASH WATER
WASTE CLASSIFICATION: NON-HAZARDOUS NOT SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

DISPOSAL SITE: CHEM-CLEAR INC

PERMIT NO.: 0316000051

DISPOSITION OF WASTE:

WASTE TREATMENT

ATTENTION: WASTE UNIT
WASTE GENERATOR: HANNAH MARINE CORP
351 E 100TH ST RD-SHUTE 101
CHICAGO, IL 60631

WASTE GENERATOR NO.: 0436020004
HANNAH MARINE CORP-SHIPYARD
WINDY RD AT ARCHER AVE
LEMONI, IL 60439

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS AND
ANY SPECIAL CONDITIONS LISTED BELOW.

L E: MFL
CC: HANNAH MARINE CORP
SECTION: MAY/000

Lawrence W. Eastep
LAWRENCE W. EASTEP, P.E.
MANAGER, PERMIT SECTION
DIVISION OF LAND POLLUTION CONTROL

00198



217/782-6762

DECEMBER 05, 1984

APPLICATION RECEIVED: 11/01/84

PERMIT NUMBER: 996032-0316000051

PERMIT ISSUED TO:

CHEM-CLEAR INC
11800 S STONY ISLAND AVE
CHICAGO, IL
60617

WASTE STREAM NUMBER: 996032
PERMIT EXPIRES: 12/22/89
CHEM-CLEAR INC - SUITE 015
992 OLD EAGLE SCHOOL ROAD
WAYNE, PA
19087

WASTE NAME: CAUSTIC WASH WATER

WASTE CLASSIFICATION: NON-HAZARDOUS NOT SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHEM-CLEAR INC

TEPA SITE NO.: 0316000051

DISPOSITION OF WASTE:

WASTE TREATMENT:

ATTENTION: MUNS JATH

WASTE GENERATOR: HANNAH MARINE CORP
361 FRONTAGE RD-SUITE 101
BURR RIDGE, IL
60521

TEPA GENERATOR NO.: 0438020004
HANNAH MARINE CORP-SHIPYARD
KINGERY RD AT ARCHER AVE
LEMONI, IL
60439

LR:MKL

for LAWRENCE W. EASTEP, P.E.

CC: HANNAH MARINE CORP
REGION: N

by Eugene P. Shick
MANAGER, PERMIT SECTION
DIVISION OF LAND POLLUTION CONTROL

00199



GENERIC WASTE STREAM PERMIT ATTACHMENT

SITE CODE: 0316000051

GENERIC W/S PERMIT NUMBER: 000052

SITE NAME: CHEM-CLEAR INC

SUP/DP PERMIT NUMBER: 1983178SP

DATE RECEIVED: 10/31/83

DATE APPROVED: 12/12/83

GENERIC WASTE CODE: 0030

GENERIC WASTE NAME: WASTE FROM THE CLEANING OF TANKS AND EQUIPMENT

WASTE CLASSIFICATION: HAZARDOUS SUBJECT TO FEE

USEPA HAZARDOUS WASTE NUMBER(S): D002, D005, D006, D007, D008

TREATMENT CODE(S): T23, T24, T25, T31, T40, T41, T44

FLASH POINT (MIN): N/A F

PH (MIN): N/A

PH (MAX): N/A

----- MAJOR WASTE COMPONENTS -----

CODE	NAME	MAX LIMITS
0024	ARSENIC	001 PPT
0036	BARIUM	001 % WT
0025	CADMIUM	300 PPM
0031	CHROMIUM	015 PPM
0030	LEAD	005 % WT
0027	MERCURY	001 PPM
0029	SELENIUM	001 % WT
0034	SILVER	001 % WT
0037	SODIUM HYDROXIDE	015 % VOL
0038	CALCIUM HYDROXIDE	015 % VOL
0039	HYDROCHLORIC ACID	015 % VOL
0040	SULFURIC ACID	015 % VOL
0046	FERRIC CHLORIDE	015 % VOL
0001	WATER	099 % VOL

DISPOSAL METHOD: WASTE TREATMENT

IKL



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

217/782-5761

Standard Conditions

JUNE 26, 1982

APPLICATION RECEIVED 06/21/82

PERMIT NUMBER 921838-03160041

PERMIT ISSUED TO: LIQUID DYNAMICS

655 E 114TH ST

CHICAGO

IL

60628

DAVID W CREECH

939 HONEY LANE

CRETE

IL 60417

WASTE NAME: CONTAMINATED DILUTED LAUSTIC

WASTE CLASSIFICATION: NON-HAZARDOUS NOT SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHGO/LIQUID DYNAMICS

ILPA SITE NO.: 03160041

ANNUAL VOLUME AUTHORIZED:

1,000,000 GALLONS

DISPOSITION OF WASTE:

WASTE TREATMENT

ATTENTION: DENO FARRE

ILPA GENERATOR NO.: 03116200116

WASTE GENERATOR:

HANNAH INLAND WATER

107 STREET, RTE 63

LEMONI

IL

60439

TEC:SAS

THOMAS E. CAVANAGH, JR.

CC: HANNAH INLAND WATER

REGION: N

by Terry G. Chyrs

MANAGER, PERMIT SECTION

DIVISION OF LAND POLLUTION CONTROL

00201



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

177782-6760

APRIL 09, 1982

APPLICATION RECEIVED: 03/26/82

PERMIT NUMBER: 921156-03160056

PERMIT ISSUED TO: CID CORPORATION

P. O. BOX 1306

CALUMET CITY, IL

WASTE STREAM NUMBER: 921156

PERMIT EXPIRES: 04/06/85

to order or transfer of this permit, the permittee shall

first obtain approval from the Department of

WASTE MGMT OF IL

P. O. BOX 1296

CALUMET CITY, IL 60409

WASTE NAME: CONTAMINATED DILUTE CAUSTIC WA

WASTE CLASSIFICATION: HAZARDOUS NOT SUBJECT TO FFE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHICAGO/CID PROCESS

TEPA SITE NO.: 03160056

ANNUAL VOLUME AUTHORIZED: 1,000,000 GALLONS

DISPOSITION OF WASTE:

WASTE TREATMENT

ATTENTION: DINO FARBE

WASTE GENERATOR: HANNAH INLAND WATER

107 STREET & RTE 83

LEWONT

IL 60439

TEPA GENERATOR NO.: 0311620016

HKCYKEM

CC: HANNAH INLAND WATER

REGION: N

Rama K. Chaturvedi

RAMA K. CHATURVEDI, P.E.

MANAGER SPECIAL WASTE UNIT

RESIDUAL MANAGEMENT SECTION

DIVISION OF LAND/NOISE POLLUTION CONTROL

00202



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

EXPIRED

217/782-5760

MARCH 31, 1982

APPLICATION RECEIVED: 03/04/82

PERMIT NUMBER: 820507-03160030

PERMIT ISSUED TO: CID CORPORATION

P.O. BOX 1306

CALUMET CITY, IL

WASTE STREAM NUMBER: 820507

PERMIT EXPIRES: 03/29/83

WASTE MGMT OF IL

P. O. BOX 1296

CALUMET CITY, IL 60409

WASTE NAME: CAUSTIC WASTE WATER (W40M)

WASTE CLASSIFICATION: HAZARDOUS SUBJECT TO FEE

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHICAGO/CID #2

IEPA SITE NO.: 03160030

ANNUAL VOLUME AUTHORIZED: 1,000,000 GALLONS

DISPOSITION OF WASTE:

BULK WASTE (SOLID, LIQUID, POWDER, OR SLUDGE) MIXED WITH DAILY RECEIPT
OF REFUSE ABOVE GRADE (CODISPOSAL)

ATTENTION: MAYANK HUNS JAIN

WASTE GENERATOR: MANNAH INLAND WATERW

107 STREET & RTE 83

LEMONT, IL 60439

IEPA GENERATOR NO.: 03116200116

SPECIAL CONDITIONS:

WHILE THE DISPOSAL OF BULK LIQUIDS IS NOT IN VIOLATION OF THE IEPA
REGULATIONS AT THIS TIME, PLEASE NOTE THAT THE ACCEPTANCE OF BULK LIQUIDS
AT THIS SITE MAY CONSTITUTE A DIRECT VIOLATION OF 40CFR SECTION 365.314(A).

Rama K. Chaturvedi

RKC:DAH

RAMA K. CHATURVEDI, P.E.
MANAGER SPECIAL WASTE UNIT
RESIDUAL MANAGEMENT SECTION
DIVISION OF LAND/NOISE POLLUTION CONTROL

CC: MANNAH INLAND WATERW

REGION: W

00202

Illinois Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706



217/782-6760

DECEMBER 24, 1981

APPLICATION RECEIVED: 12/15/81

PERMIT NUMBER: 996032-03160051

PERMIT ISSUED TO: CHEM-CLEAR

11800 S STONEY I

CHICAGO

, IL

60617

WASTE STREAM NUMBER: 996032

PERMIT EXPIRES: 12/22/84

CHEM CLEAR INC

997 EAGLE SCH RD

WAYNE

, PA

19027

WASTE NAME: CAUSTIC WASH WATER

WASTE CLASSIFICATION: "NON-HAZARDOUS NOT SUBJECT TO FEE"

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS.

DISPOSAL SITE: CHICAGO/CHEM CLEAR

IEPA SITE NO.: 03160051

ANNUAL VOLUME AUTHORIZED:

1,200,000 GALLONS

DISPOSITION OF WASTE:

WASTE TREATMENT

ATTENTION: NUNS JAIN

WASTE GENERATOR: HANNAH INLAND WATERW

107 STREET & RTE 83

LEMONT

, IL

60439

IEPA GENERATOR NO.: 03116200116

RKC:KCM

CC: HANNAH INLAND WATERW

REGION: N


RAMA K. CHATURVEDI, P.E.

MANAGER SPECIAL WASTE UNIT

RESIDUAL MANAGEMENT SECTION

DIVISION OF LAND/NOISE POLLUTION CONTROL

00204



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

217/782-6760

DECEMBER 15, 1981

APPLICATION RECEIVED 11/23/81

WASTE STREAM AUTHORIZATION NUMBER: 995677

WASTE STREAM AUTHORIZATION EXPIRES: 12/10/8

RONALD DELOACH
RILEY ROAD
EAST CHICAGO, IN 46312

WASTE NAME: WASTE HYDROCARBONS
WASTE CLASSIFICATION: HAZARDOUS NOT SUBJECT TO FEE

DISPOSAL SITE: IN/AMERICAN RECOVERY

IEPA SITE NO.: 91804906

ANNUAL VOLUME AUTHORIZED: 150,000 GALLONS
DISPOSITION OF WASTE:

FACILITIES ENGAGED IN RECOVERY OF SOLVENTS, OILS, ACIDS, ETC.,
TREATMENT OR PROCESS

ATTENTION: NURS JAIN

WASTE GENERATOR: HANNAH INLAND WATERW - IEPA GENERATOR NO.: 03116200116
107 STREET & RTE 83
LEWISTOWN, IL 60439

THIS IS A WASTE STREAM AUTHORIZATION ISSUED PURSUANT TO THE ILLINOIS POLLUTION CONTROL BOARD'S CHAPTER 9 SPECIAL WASTE HAULING REGULATIONS* WHICH REQUIRES TRACKING OF ALL SPECIAL WASTES ORIGINATING IN AND SEEKING TREATMENT, STORAGE OR DISPOSAL OUTSIDE OF ILLINOIS. IN ORDER TO TRANSACT BUSINESS LAWFULLY IN ILLINOIS, ALL ILLINOIS GENERATORS AND/OR LICENSED WASTE HAULERS OF SPECIAL WASTE, THAT CAUSE OR ALLOW SPECIAL WASTE TO BE TRANSPORTED OUT OF STATE FOR TREATMENT, STORAGE OR DISPOSAL, MUST INSURE COMPLIANCE WITH THE ABOVE MENTIONED SPECIAL WASTE HAULING REGULATIONS INCLUDING BUT NOT LIMITED TO RULE 301, AND 501 OF SAID SPECIAL WASTE HAULING REGULATIONS.

Rama K. Chaturvedi
RAMA K. CHATURVEDI, P.E.
MANAGER SPECIAL WASTE UNIT
RESIDUAL MANAGEMENT SECTION
DIVISION OF LAND/NOISE POLLUTION CONTROL

RKC:DMF

CC: HANNAH INLAND WATERW
REGION:

* COPIES OF THESE REGULATIONS ARE AVAILABLE THROUGH ILLINOIS POLLUTION CONTROL BOARD, 309 WEST WASHINGTON, CHICAGO, ILLINOIS 60606

00205

217/782-6762

JULY 24, 1986

APPLICATION RECEIVED: 06/05/86

PERMIT NUMBER 950608-0310030002

PERMIT ISSUED TO:

WASTE STREAM NUMBER 960608

PERMIT EXPIRES: 07/22/91

CENTURY OIL INC
13005 HAMLIN COURT
ALSTP

CENTURY OIL INC
13005 HAMLIN COURT
ALSTP

IL 60650

IL 60650

WASTE NAME: WASTE PRODUCT

WASTE CLASSIFICATION: HAZARDOUS NOT SUBJECT TO FFC

PERMIT TO RECEIVE THE INDICATED WASTE IS GRANTED.

DISPOSAL SITE: CENTURY OIL INC

DISPOSAL SITE NO.: 9310030002

DISPOSITION OF WASTE:

WASTE TREATMENT

ATTENTION: JOSEPH C. HANNAH

WASTE GENERATOR: HANNAH MARINE CORP

361 FRITZGE RD-SUITE 101

WILK RIDGE

IL 60521

IL PERMIT NO.: 9506020002

HANNAH MARINE CORP-SHIPYARD

FINGERY RD AT ARCHER AVE

LEMONT

IL 60439

THIS PERMIT IS GRANTED SUBJECT TO THE ATTACHED STANDARD CONDITIONS AND ANY SPECIAL CONDITIONS LISTED BELOW.

Lawrence W. Foster
LAWRENCE W. FOSTER, P.E.
MANAGER, PERMIT SECTION
DIVISION OF LAND POLLUTION CONTROL

LEMONT

CC: HANNAH MARINE CORP

REGION: MAYAGUEN

00206

RESPONSE NO. 4

00207

20

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

20

This report is for the calendar year ending December 31, 1986

FOR AGENCY USE

L P H W C
1 5CARD
TYPE

FOR AGENCY USE ONLY

2 0
6 7TRANS
CODEA
8DATE
ENTERED/ /
14

GENERAL INSTRUCTIONS

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.
The information requested in this report is required by Federal and State law.

Please print/type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Check the one number, code 1 thru 5 that best describes your status during the entire year (see instructions for explanation of codes), and explain in Comment Section.

1 No Hazardous Waste Shipped Off-Site

2 ☒ Small Quantity Generator

3 Exempt

4 Beneficial Use

5 Closed

B. This installation's Non-Regulated Status is expected to apply:

6 For 1986 only, explain in Comment Section.

7 Permanently, explain in Comment Section.

8 Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER

I L D 0 6 9 4 9 6 2 4 8

IV. GENERATOR'S ILLINOIS I.D. NUMBER

0 4 3 8 0 2 0 0 0 4

V. NAME OF INSTALLATION

HANNAH MARINE CORPORATION, SHIPYARD DIVISION

VI. INSTALLATION MAILING ADDRESS

ROUTE 83 & ARCHER AVENUE

Street or P.O. Box

LEMONT

City or Town

IL
State

60439
Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

ROUTE 83 & ARCHER AVENUE

Street or Route number

LEMONT

City or Town

IL
State

60439
Zip Code

VIII. INSTALLATION CONTACT

VOTAVA, GEORGE

Name (last and first)

(312) 257-5457

Phone Number (code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981 Chapter 11-1.2, Sections 1004 and 1021 (a)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$35,000 for each day the failure continues, a fine up to \$1,000,000,000 and imprisonment up to 5 years. This form has been approved by the Toxic Management Center.

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

GEORGE VOTAVA, MGR. SHIPYARD DIV.

Print Name

Title

Signature of Authorized Representative

2-18-87

Date Signed

Page 0 0 1 of 3

OFFICIAL USE

IL 069 496 244
 GENERAL MANAGER
 HANNAH MARINE CORP
 301 E. 11th St
 Southridge
 60521
 043 80200 04

00208

50

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1986

(cont.)

FOR AGENCY USE

L P H W C

CARD
TYPE5 0
6 7TRANS
CODEA
80 2 / 2 8 / 8 7
9 14

FOR AGENCY USE ONLY

X. GENERATOR'S USEPA ID. NO.

XI. GENERATOR'S ILLINOIS EPA ID. NO.

XII. FACILITY'S USEPA ID. NO.

I L D 0 6 9 4 9 6 2 4 8
18 290 4 3 8 0 2 0 0 0 4
30 39I L D 0 0 0 6 0 8 4 7 1
41 52

XIII. FACILITY'S ILLINOIS EPA I.D. NO.

XIV. FACILITY'S NAME / ADDRESS

0 3 1 6 0 0 0 0 5 1
53 62

Name CHEM CLEAR

Phone (312) 646-6202

XV. WASTE IDENTIFICATION

11800 S. STONY ISLAND AVE. CHICAGO
Street (P.O. Box) CityIL 60617
State Zip

A. LINE NO.	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code	D. RCRA HAZARDOUS WASTE NO. (see instructions)	E. AMOUNT OF WASTE (gallons only)	F. DENSITY (lbs. / gal.)
0 0 0 1 63 66	WASTE ALKALINE SOLUTION	67 68	D 0 0 2 69 72 73 76 77 80 81 84	0 0 0 4 4 8 5 0 0 85 93 94 96	0 8 . 5 93 94 96
0 0 0 2 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 3 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 4 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 5 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 6 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 7 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 8 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 9 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 1 0 63 66		67 68	69 72 73 76 77 80 81 84		

XVII. PAGE NUMBER 0 0 2

00200

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C CARD TYPE 6 0 TRANS A 0 2 / 2 8 / 8 7

1 5 6 7 8 9 14

XL GENERATOR'S ILLINOIS EPA ID. NO.

0 4 3 8 0 2 0 0 0 4

Phone (312) 257-5457

IL	60439
State	Zip

[illegible]

20

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

20

This report is for the calendar year ending December 31, 1985

FOR AGENCY USE

L P H W C
1 5CARD
TYPE

FOR AGENCY USE ONLY

2 0
6 7TRANS
CODEA
8DATE
ENTERED/ /
9 14

GENERAL INSTRUCTIONS

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.

The information requested in this report is required by Federal and State law.

Please print/type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

A. Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Circle the one numeric code (1 thru 5) that best describes your status during the entire year (see instructions for explanation of codes), and explain in Comment Section.

1 Non-handler

2 Small Quantity Generator

3 Exempt

4 Beneficial Use

5 Closed

B. This installation's Non-Regulated Status is expected to apply:

6 For 1985 only, explain in Comment Section.

7 Permanently, explain in Comment Section.

8 Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER

IV. GENERATOR'S ILLINOIS I.D. NUMBER

1 1 1 1 0 1 0 1 6 1 9 1 4 1 9 1 6 1 2 1 4 1 8

1 0 1 4 1 3 8 0 1 2 0 0 0 4

V. NAME OF INSTALLATION

HANNAH MARINE CORPORATION, SHIPYARD DIVISION

VI. INSTALLATION MAILING ADDRESS

361 FRONTAGE ROAD, SUITE 101

Street or P.O. Box

BURR RIDGE

City or Town

IL 60521

State Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

RT. 83 AND 107TH STREET

Street or Route number

LEMONT

City or Town

IL 60439

State Zip Code

VIII. INSTALLATION CONTACT

VOTAVA, GEORGE

Name (last and first)

(312) 257-5457

Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-1/2, Sections 1004 and 1021 (1)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, a fine up to \$1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

George Votava, Mgr. Shipyard Div.

Print/Type Name

Title

Signature of Authorized Representative

1-29-86

Date Signed

Page 001 of 3

40 42

TLN 069 096 248 043 80200 04
GENERAL MANAGER
HANNAH MARINE CORP
361 FRONTAGE RD-SUITE 101
BURR RIDGE
IL
60521

00211

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1985

(cont.)

FOR AGENCY USE

L P H W C
1 5CARD
TYPE5 0
6 7TRANS
CODE

A

DATE
ENTERED/ /
9 14

X. GENERATOR'S USEPA ID. NO.

XI. GENERATOR'S ILLINOIS EPA ID. NO.

XII. FACILITY'S USEPA ID. NO.

I I D I 0 6 1 9 1 4 9 1 6 1 2 1 4 1 8

18

29

0 1 4 1 3 1 8 1 0 1 2 1 0 1 0 1 4

30

39

I I I D I 0 1 0 1 0 1 6 1 0 1 8 1 4 1 7 1 1

41

52

XIII. FACILITY'S ILLINOIS EPA ID. NO.

XIV. FACILITY'S NAME / ADDRESS

0 1 3 1 1 6 1 0 1 0 1 0 1 5 1 1

53

62

Name CHEM CLEAR

Phone (312) 646-6202

XV. WASTE IDENTIFICATION

11800 S. STONY ISLAND, CHICAGO IL 60617
Street (P.O. Box) City State Zip

A. LINE NO.	B. DESCRIPTION OF WASTE	C. UNDOT Hazard Code	D. RCRA HAZARDOUS WASTE NO. (see instructions)	E. AMOUNT OF WASTE (gallons only)	F. DENSITY (lbs. / gal.)
0 0 0 1 63 66	WASTE ALKALINE SOLUTION	67 68	D 0 0 2 69 72 73 76 77 80 81 84	0 0 0 3 4 6 5 0 0 85 93 94 96	0 8 . 5 93 94 96
0 0 0 2 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 3 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 4 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 5 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 6 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 7 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 8 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 9 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 1 0 63 66		67 68	69 72 73 76 77 80 81 84		

00212

XVII. PAGE NUMBER 1 9 9 2
15 17

XL GENERATOR'S ILLINOIS EPA ID. NO.

10 4 3 8 0 2 0 0 0 4 11

YV/HI DATE AN INDEX 1 9 9 3

20

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GENERATOR ANNUAL HAZARDOUS WASTE REPORT

20

This report is for the calendar year ending December 31, 1984.

FOR AGENCY USE	FOR AGENCY USE ONLY	CARD TYPE	TRANS CODE	DATE ENTERED
L P H W C 1 5	2 0 6 7	A 8	/ /	9 / 14

GENERAL INSTRUCTIONS

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.

The information requested in this report is required by Federal and State law.

Please print/type with elite type (12 characters per inch)

I. NON-REGULATED STATUS

Complete this section only if you did not generate regulated quantities of hazardous waste at any time during the calendar year covered by this report. Circle the use numeric code (1 thru 5) that best describes your status during the entire year (see instructions for explanation of codes) and explain in Comment Section.

- ☐ 1 Non-handler
- ☒ 2 Small Quantity Generator
- ☐ 3 Exempt
- ☐ 4 Beneficial Use
- ☐ 5 Closed

This installation's Non-Regulated Status is expected to apply:

- ☐ 6 For 1984 only, explain in Comment Section.
- ☐ 7 Permanently, explain in Comment Section.
- ☐ 8 Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER

IV. GENERATOR'S ILLINOIS I.D. NUMBER

1 1 1 1 0 1 0 6 1 9 4 1 9 6 1 2 4 8

1 0 4 3 8 0 2 0 0 0 4

V. NAME OF INSTALLATION

HANNAH MARINE CORPORATION, SHIPYARD DIVISION

VI. INSTALLATION MAILING ADDRESS

361 FRONTAGE ROAD, SUITE 101

Street or P.O. Box

BURR RIDGE

IL 60521

City or Town

State Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

RT 83 AND 107TH STREET

Street or Route number

LEMONT

IL 60439

City or Town

State Zip Code

VIII. INSTALLATION CONTACT

VOTAVA, GEORGE

Name (last and first)

(312) 257-5457

Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-1.2, Sections 1004 and 1021 (112). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, a fine up to \$1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IX. CERTIFICATION

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George Votava, Mgr., Shipyard Div

Print Type Name

Title

Signature of Authorized Representative

2-26-85

Date Signed

DETACH HERE

GENERAL MANAGER
 HANNAH MARINE CORP
 361 FRONTAGE RD-SUITE 101
 BURR RIDGE
 IL 60521
 IL 069 496 248 043 60200

020214

50

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

50

This report is for the calendar year ending December 31, 1984.

(cont.)

FOR AGENCY USE ONLY

FOR AGENCY USE

L P H W C
1 5CARD
TYPE5 0
6 7TRANS
CODEA
8DATE
ENTERED/ /
9 14

X. GENERATOR'S USEPA I.D. NO.

XI. GENERATOR'S ILLINOIS EPA I.D. NO.

XII. FACILITY'S USEPA I.D. NO.

I L D 0 1 6 1 9 4 9 6 2 4 8
18 290 4 3 8 0 1 2 0 0 0 4
30 39I L D 0 0 0 6 0 8 4 7 1
41 52

XIII. FACILITY'S ILLINOIS EPA I.D. NO.

XIV. FACILITY'S NAME / ADDRESS

0 3 1 6 0 0 0 5 1
53 62

Name CHEM CLEAR

Phone: 312 646-6202

XV. WASTE IDENTIFICATION

11800 S. STONY ISLAND CHICAGO

IL

60617

Street (P.O. Box)

City

State

Zip

A. LINE NO.	B. DESCRIPTION OF WASTE	C. UNDOT Hazard Code	D. RCRA HAZARDOUS WASTE NO. (see instructions)	E. AMOUNT OF WASTE (gallons only)	F. DENSITY (lbs. / gal.)
0 0 0 1 63 66	WASTE ALKALINE SOLUTION	67 68	D 0 0 2 69 72 73 76 77 80 81 84	9 7 6 4 9 0 85 93 94 96	0 8 5 93 94 96
0 0 0 2 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 3 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 4 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 5 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 6 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 7 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 8 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 0 9 63 66		67 68	69 72 73 76 77 80 81 84		
0 0 1 0 63 66		67 68	69 72 73 76 77 80 81 84		

00215

XVII. PAGE NUMBER

0 0 2
14 17

60

FOR AGENCY USE ONLY

AGENCY USE L P H W C CARD TYPE 6 0 TRANS CODE A DATE ENTERED / /

1 5 6 7 8 9 10

XI. GENERATOR'S ILLINOIS EPA I.D. NO.

10 39

Phone (312) 257-5457

IL 60439

State	Zip
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[illegible]

VIII PAGE NUMBERED

20

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

20

This report is for the calendar year ending December 31, 1983.

FOR AGENCY USE

L P H W C
1 5CARD
TYPE2 0
6 7TRANS
CODEA
8DATE
ENTERED/ /
9 14

GENERAL INSTRUCTIONS

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I. NON-REGULATED STATUS

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☐ 1 Non-handler☒ 2 Small Quantity Generator☐ 3 Exempt☐ 4 Beneficial Use☐ 5 Closed

This installation's Non-Regulated Status is expected to apply:

☐ 6 For 1983 only, explain in Comment Section.☐ 7 Permanently, explain in Comment Section.☐ 8 Other, explain in Comment Section.

II. REGULATED STATUS

See instructions for completing this and following sections.

III. GENERATOR'S USEPA I.D. NUMBER

IV. GENERATOR'S ILLINOIS I.D. NUMBER

1 1 1 0 1 0 1 6 1 9 1 4 1 9 1 6 1 2 1 4 1 8
17 280 3 1 1 6 2 9 9 1 1 9
29 39

V. NAME OF INSTALLATION

HANNAH MARINE CORPORATION SHIPYARD DIVISION

VI. INSTALLATION MAILING ADDRESS

361 FRONTAGE ROAD, SUITE 101

Street or P.O. Box

BURR RIDGE

IL 60521

City or Town

State Zip Code

VII. LOCATION OF INSTALLATION (if different than section VI above)

RT 83 AND 107TH STREET

Street or Route number

LEMONT

IL 60439

City or Town

State Zip Code

VIII. INSTALLATION CONTACT

WILSON, WILLIAM W.

Name (last and first)

312-257-5457

Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter 11-1/2, Sections 1004 and 1021 (IX2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, a fine up to \$1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

IX. CERTIFICATION

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WILLIAM W. WILSON VP & GEN. MGR.

Print Type Name

Title

Signature of Authorized Representative

Date Signed

Page 001 of 40

HANNAH MARINE CORPORATION
107 STREET & RT 83
LEMONT
IL 60439
312-257-5457

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(cont.)

$\frac{1}{2} / \frac{1}{2} / \frac{1}{2}$

XII. FACULTY'S USEPA I.D. NO.

$\overline{12} \overline{000} \overline{0608471}$

XIV. FACILITY'S NAME / ADDRESS

312 646-620.
Phone (312) 257-5457

IL 60617
60439

XV. WASTE IDENTIFICATION

Street (P.O. Box)

City

State

20

[illegible]

XVII. PAGE NUMBER

XI. GENERATOR'S ILLINOIS EPA I.D. NO.

0 3 1 1 6 2 0 0 1 1 G

V.VI-GENERATOR'S NAME/ADDRESS

Name Hannah Marine Corporation

Phone (312) 257-5457

Rt. 83 & 107th Street
Street (P.O. Box)

Lemont
City

IL 60439
State ZD

XVIII. LIST OF TRANSPORTATION SERVICES (HAULERS) USED:

XVII. PAGE NUMB

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1982.

GENERAL INSTRUCTIONS

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.
The information requested in this report is required by Federal and State law.

Please print/type with elite type (12 characters per inch)

I. GENERATOR'S USEPA I.D. NUMBER

ILD0694 96248

I.A. GENERATOR'S ILLINOIS I.D. NUMBER

0311620011G

II. NAME OF INSTALLATION

HANNAH MARINE CORP.

III. INSTALLATION MAILING ADDRESS

PO Box 189 Kington RD at Archer Ave
Street or P.O. Box

LEWIS
City or Town

IL 600139
State Zip Code

IV. LOCATION OF INSTALLATION (if different than section III above)

Street or Route number

City or Town

State Zip Code

V. INSTALLATION CONTACT

Name (last and first)

312 257 5457

Phone No. (area code & no.)

This Agency is authorized to require this information under Illinois Revised Statutes, 1981, Chapter III-1 2, Sections 1004 and 1021 (f)(2). Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continues, a fine up to \$1,000,000.00 and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

VII. CERTIFICATION

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KILYON WILSON
Print/Type Name

Title

William Wilson
Signature of Authorized Representative

8/4/83
Date Signed

GENERATOR ANNUAL HAZARDOUS WASTE REPORT

This report is for the calendar year ending December 31, 1962

FOR AGENCY USE ONLY			
FOR AGENCY USE	L I P H W C 1 5	CARD TYPE	5 0 6
TRANS	A 8	DATE ENTERED	06 / 23 / 83 9 14

VII GENERATOR'S USEPA I.D. NO. VIII GENERATOR'S ILLINOIS EPA I.D. NO. IX FACILITY'S USEPA I.D. NO.

1141069496248
18 29

03116200116
30 40

114101028424
11 14

X FACILITY'S ILLINOIS EPA I.D. NO.

XI FACILITY'S NAME ADDRESS

03160056
51 60

Name C I D

Phone 312-891-12

XII. WASTE IDENTIFICATION

P.O. BOX 214 CALUMET CITY IL 604
Street (P.O. Box) City State

A. LINE NO.	B. DESCRIPTION OF WASTE	C. RCRA HAZARDOUS WASTE NO. (see instructions)	D. RCRA HAZARDOUS WASTE NO. (see instructions)	E. AMOUNT OF WASTE (gallons only)	F. DENS (lbs)
0001 61 64	CONTAMINATED DILUTED CAUSTIC WASTE WATER	012 65 66	D1002 67 70 71 74 75 78 79 82	154000 81 91 92	8 91 92
0002 61 64					
0003 61 64					
0004 61 64					
0005 61 64					
0006 61 64					
0007 61 64					
0008 61 64					
0009 61 64					
0010 61 64					

This report is for the calendar year ending December 31, 1982.

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This report is for the calendar year ending December 31, 1982

FOR AGENCY USE LPHWC

CARD TYPE 6 0
 6 7

TRANS CODE LA
6

DATE ENTERED / /
 9 14

VIII. GENERATOR'S ILLINOIS EPA I.D. NO.

1 L D 0 6 9 4 7 6 2 4 8

0311620011G

Name HANNAH MARINE CORP.

Phone: 312.257.5457

P.O. Box 189
Street (P.O. Box)

Leimert
City

State IL Zip 60411

[illegible]

00222